Kansas City Region Occupational Projections 2020-2030 Table of Contents

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Occupational projections are produced every two years and are published in July of even numbered years.

Occupations are classified using the Standard Occupational Classification (SOC) system. Major occupation groups are at the two digit SOC level, while detailed c

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Long-Term Occupational Projections for Kansas City Region

Major Occupation Group Information

Occupation		2020	2030	2020	-2030		2020) Wages		Annual Openings			
		Estimated	Projected	Net	Percent								
SOC Code	Title	Employment	Employment	Change	Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total
00-0000	Total, All Occupations	583,997	636,177	52,180	8.9%	\$28,854	\$53,876	\$42,734	\$65,791	25,664	39,800	5,218	70,682
11-0000	Management Occupations	33,016	36,676	3,660	11.1%	\$69,936	\$113,967	\$100,706	\$140,514	818	1,918	366	3,102
13-0000	Business and Financial Operations Occupations	41,160	44,206	3,046	7.4%	\$52,680	\$76,473	\$70,540	\$94,695	1,140	2,448	305	3,893
15-0000	Computer and Mathematical Occupations	26,561	31,106	4,545	17.1%	\$60,068	\$84,709	\$81,723	\$105,316	602	1,424	454	2,480
17-0000	Architecture and Engineering Occupations	8,687	9,597	910	10.5%	\$60,932	\$82,935	\$78,355	\$101,365	219	443	91	753
19-0000	Life, Physical, and Social Science Occupations	3,539	3,870	331	9.4%	\$50,273	\$73,239	\$66,858	\$91,057	79	257	33	369
21-0000	Community and Social Service Occupations	8,750	9,865	1,115	12.7%	\$34,185	\$44,767	\$41,212	\$53,364	298	594	112	1,004
23-0000	Legal Occupations	6,778	7,609	831	12.3%	\$45,613	\$84,664	\$63,845	\$112,274	210	311	83	604
25-0000	Education, Training, and Library Occupations	27,738	30,368	2,630	9.5%	\$32,281	\$51,229	\$44,352	\$60,951	1,136	1,307	263	2,706
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	8,563	9,649	1,086	12.7%	\$35,182	\$55,537	\$50,158	\$69,023	319	573	109	1,001
29-0000	Healthcare Practitioners and Technical Occupations	38,107	41,652	3,545	9.3%	\$50,318	\$82,751	\$67,131	\$86,630	992	1,162	354	2,508
31-0000	Healthcare Support Occupations	22,033	26,571	4,538	20.6%	\$22,816	\$29,297	\$26,292	\$32,714	1,454	1,460	454	3,368
33-0000	Protective Service Occupations	11,783	12,565	782	6.6%	\$34,654	\$54,469	\$50,860	\$71,677	536	786	78	1,400
35-0000	Food Preparation and Serving Related Occupations	46,325	57,083	10,758	23.2%	\$20,366	\$27,597	\$25,296	\$30,891	3,810	5,282	1,076	10,168
37-0000	Building and Grounds Cleaning and Maintenance Occupations	15,104	16,438	1,334	8.8%	\$23,836	\$35,807	\$29,994	\$39,919	873	1,165	133	2,171
39-0000	Personal Care and Service Occupations	13,597	16,496	2,899	21.3%	\$20,623	\$29,401	\$24,616	\$32,961	991	1,173	290	2,454
41-0000	Sales and Related Occupations	53,762	53,700	-62	-0.1%	\$23,352	\$43,575	\$30,056	\$50,474	2,826	4,238	-6	7,058
43-0000	Office and Administrative Support Occupations	78,625	76,554	-2,071	-2.6%	\$30,497	\$41,728	\$38,545	\$50,230	3,687	4,757	-207	8,237
45-0000	Farming, Fishing, and Forestry Occupations	1,727	1,892	165	9.6%	\$22,996	\$32,505	\$28,673	\$36,786	76	205	16	297
47-0000	Construction and Extraction Occupations	27,798	30,502	2,704	9.7%	\$40,228	\$59,285	\$57,159	\$75,599	856	1,963	270	3,089
49-0000	Installation, Maintenance, and Repair Occupations	23,922	25,857	1,935	8.1%	\$36,961	\$49,985	\$47,853	\$61,182	779	1,597	194	2,570
51-0000	Production Occupations	37,333	39,313	1,980	5.3%	\$31,254	\$43,176	\$41,061	\$51,336	1,486	2,723	198	4,407
53-0000	Transportation and Material Moving Occupations	49,089	54,608	5,519	11.2%	\$26,325	\$36,440	\$32,897	\$44,325	2,477	4,016	552	7,045

Please see Notes tab for further explanation of data.

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Amusement and Recreation Attendants

B+

Top Job Outlook by Now, Next, and Later Categories

Outlook defined by Career Grades which consider openings, growth rate, and wages

NOW Top Job Outlook - Kansas City NOW jobs typically require high school education or less and short-term training					
Grade	Occupation Title	Annual	Average Annual		
	· · · · · · · · · · · · · · · · · · ·	Openings	Wage		
B+	Waiters and Waitresses	2,603	\$23,994		
B+	Fast Food and Counter Workers	2,582	\$27,656		
Α	Home Health and Personal Care Aides	1,896	\$25,033		
В	Stockers and Order Fillers	1,864	\$30,842		
В	Laborers and Freight, Stock, and Material Movers, Hand	1,167	\$33,315		
В	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	876	\$32,263		
B+	Security Guards	637	\$46,846		
В	Childcare Workers	633	\$24,717		
Α	Light Truck or Delivery Services Drivers	539	\$32,989		
B+	Construction Laborers	535	\$49,726		
В	Food Preparation Workers	533	\$24,196		
B+	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	532	\$30,153		
В	Landscaping and Groundskeeping Workers	529	\$47,675		
Α	Bartenders	495	\$28,867		
В	Maids and Housekeeping Cleaners	490	\$24,605		
B+	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	402	\$22,351		
B+	Industrial Truck and Tractor Operators	393	\$43,628		
B+	Dining Room and Cafeteria Attendants and Bartender Helpers	327	\$23,522		
В	Driver/Sales Workers	271	\$29,468		

\$27,022

262

	NEXT Top Job Outlook - Kansas City NEXT jobs typically require moderate/long-term training or experience or education beyond high school					
Grade	Occupation Title	Annual Openings	Average Annua Wage			
Α	Cooks, Restaurant	1,212	\$31,005			
В	Miscellaneous Assemblers and Fabricators	1,172	\$43,463			
В	Heavy and Tractor-Trailer Truck Drivers	957	\$45,945			
В	Nursing Assistants	712	\$29,172			
Α	First-Line Supervisors of Food Preparation and Serving Workers	642	\$42,805			
В	Maintenance and Repair Workers, General	605	\$43,453			
В	Bookkeeping, Accounting, and Auditing Clerks	584	\$44,221			
В	First-Line Supervisors of Office and Administrative Support Workers	482	\$63,337			
Α	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	450	\$63,976			
Α	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	440	\$65,288			
Α	Electricians	400	\$61,965			
B+	Carpenters	365	\$64,597			
В	Medical Secretaries	363	\$37,051			
B+	Hairdressers, Hairstylists, and Cosmetologists	352	\$30,735			
В	Teaching Assistants, Except Postsecondary	330	\$28,321			
В	Paralegals and Legal Assistants	314	\$49,812			
Α	First-Line Supervisors of Construction Trades and Extraction Workers	301	\$80,938			
B+	Computer User Support Specialists	290	\$57 <i>,</i> 949			
В	Insurance Sales Agents	289	\$52,192			
В	Operating Engineers and Other Construction Equipment Operators	278	\$56,597			

	LATER Top Job Outlook - Kansas City		
	LATER jobs typically require a Bachelor's degree or higher education		
Grade	Occupation Title	Annual	Average Annual
Grade	Occupation Title	Openings	Wage

A+	General and Operations Managers	1,204	\$110,843
A+	Software Developers and Software Quality Assurance Analysts and Testers	953	\$94,814
Α	Registered Nurses	875	\$70,465
Α	Accountants and Auditors	692	\$72,536
Α	Project Management Specialists and Business Operations Specialists, All Other	563	\$85,823
A+	Management Analysts	482	\$92,072
В	Secondary School Teachers, Except Special and Career/Technical Education	449	\$51,903
В	Elementary School Teachers, Except Special Education	407	\$54,323
Α	Human Resources Specialists	327	\$64,593
Α	Market Research Analysts and Marketing Specialists	290	\$66,832
Α	Computer Systems Analysts	280	\$75 <i>,</i> 775
В	Substitute Teachers, Short-Term	266	\$29,219
Α	Computer and Information Systems Managers	229	\$133,768
Α	Computer Occupations, All Other	219	\$96,800
Α	Lawyers	216	\$117,818
A+	Financial Managers	198	\$134,927
В	Child, Family, and School Social Workers	193	\$38,885
В	Securities, Commodities, and Financial Services Sales Agents	187	\$102,635
A+	Nurse Practitioners	186	\$116,011
В	Public Relations Specialists	178	\$63,265

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center Please see Notes tab for additional details

Bartenders

Top Job Openings by Now, Next, and Later Categories

Openings based on job growth as well as replacement needs due to exits or transfers

NOW Top Job Openings - Kansas City NOW jobs typically require high school education or less and short-term training					
Grade	Occupation Title	Annual	Average Annual		
	· · · · · · · · · · · · · · · · · · ·	Openings	Wage		
B+	Waiters and Waitresses	2,603	\$23,994		
B+	Fast Food and Counter Workers	2,582	\$27,656		
С	Cashiers	2,481	\$25,331		
Α	Home Health and Personal Care Aides	1,896	\$25,033		
В	Stockers and Order Fillers	1,864	\$30,842		
C+	Retail Salespersons	1,726	\$29,592		
C+	Customer Service Representatives	1,428	\$37,087		
C+	Office Clerks, General	1,414	\$37,683		
В	Laborers and Freight, Stock, and Material Movers, Hand	1,167	\$33,315		
В	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	876	\$32,263		
C+	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	739	\$40,779		
B+	Security Guards	637	\$46,846		
В	Childcare Workers	633	\$24,717		
Α	Light Truck or Delivery Services Drivers	539	\$32,989		
B+	Construction Laborers	535	\$49,726		
В	Food Preparation Workers	533	\$24,196		
B+	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	532	\$30,153		
В	Landscaping and Groundskeeping Workers	529	\$47,675		
C+	Cooks, Fast Food	499	\$23,352		
C .	20010) 1 432 1 504	433	723,332		

495

\$28,867

NEXT Top Job Openings - Kansas City							
	NEXT jobs typically require moderate/long-term training or experience or education beyond high school						
Grade	Occupation Title	Annual	Average Annual				
Grade	Occupation Title	Openings	Wage				
Α	Cooks, Restaurant	1,212	\$31,005				
В	Miscellaneous Assemblers and Fabricators	1,172	\$43,463				
В	Heavy and Tractor-Trailer Truck Drivers	957	\$45 <i>,</i> 945				
В	Nursing Assistants	712	\$29,172				
Α	First-Line Supervisors of Food Preparation and Serving Workers	642	\$42,805				
В	Maintenance and Repair Workers, General	605	\$43,453				
В	Bookkeeping, Accounting, and Auditing Clerks	584	\$44,221				
В	First-Line Supervisors of Office and Administrative Support Workers	482	\$63,337				
Α	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	450	\$63,976				
Α	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	440	\$65,288				
C+	First-Line Supervisors of Retail Sales Workers	405	\$46,450				
Α	Electricians	400	\$61,965				
B+	Carpenters	365	\$64,597				
В	Medical Secretaries	363	\$37,051				
B+	Hairdressers, Hairstylists, and Cosmetologists	352	\$30,735				
C+	Automotive Service Technicians and Mechanics	333	\$47,993				
В	Teaching Assistants, Except Postsecondary	330	\$28,321				
В	Paralegals and Legal Assistants	314	\$49,812				
Α	First-Line Supervisors of Construction Trades and Extraction Workers	301	\$80,938				
B+	Computer User Support Specialists	290	\$57,949				

	LATER Top Job Openings - Kansas City LATER jobs typically require a Bachelor's degree or higher education		
Grade		Annual	Average Annual
Grade	Occupation Title	Openings	Wage

A+	General and Operations Managers	1,204	\$110,843
A+	Software Developers and Software Quality Assurance Analysts and Testers	953	\$94,814
Α	Registered Nurses	875	\$70,465
Α	Accountants and Auditors	692	\$72,536
Α	Project Management Specialists and Business Operations Specialists, All Other	563	\$85,823
A+	Management Analysts	482	\$92,072
В	Secondary School Teachers, Except Special and Career/Technical Education	449	\$51,903
В	Elementary School Teachers, Except Special Education	407	\$54,323
Α	Human Resources Specialists	327	\$64,593
Α	Market Research Analysts and Marketing Specialists	290	\$66,832
Α	Computer Systems Analysts	280	\$75,775
В	Substitute Teachers, Short-Term	266	\$29,219
Α	Computer and Information Systems Managers	229	\$133,768
Α	Computer Occupations, All Other	219	\$96,800
Α	Lawyers	216	\$117,818
A+	Financial Managers	198	\$134,927
В	Child, Family, and School Social Workers	193	\$38,885
В	Securities, Commodities, and Financial Services Sales Agents	187	\$102,635
A+	Nurse Practitioners	186	\$116,011
В	Public Relations Specialists	178	\$63,265

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center Please see Notes tab for additional details

Long-Term Occupational Projections for Kansas City Region

Fastest Growing Occupations by Now, Next, and Later Categories

Fastest growth defined by percent growth from base year to projected year

NOW jobs typically require high school education or less and short-term training

	really jobs typically require high school caucation of less and shore term training						
Grade	Occupation Title	Percent	Annual	Average Annual			
Grade		Growth	Openings	Wage			
В	Entertainment Attendants and Related Workers, All Other	52.1%	15	\$37,773			
В	Media and Communication Workers, All Other	47.4%	10	\$47,622			
В	Ushers, Lobby Attendants, and Ticket Takers	42.1%	182	\$25,157			
B+	Nonfarm Animal Caretakers	38.6%	244	\$26,631			
В	Locker Room, Coatroom, and Dressing Room Attendants	34.9%	93	\$23,559			
Α	Bartenders	33.2%	495	\$28,867			
B+	Dining Room and Cafeteria Attendants and Bartender Helpers	31.9%	327	\$23,522			
B+	Amusement and Recreation Attendants	30.7%	262	\$27,022			
Α	Home Health and Personal Care Aides	30.3%	1,896	\$25,033			
B+	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	28.9%	402	\$22,351			
В	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	27.4%	35	\$39,718			
B+	Waiters and Waitresses	23.7%	2,603	\$23,994			
В	Hotel, Motel, and Resort Desk Clerks	23.6%	112	\$23,299			
Α	Light Truck or Delivery Services Drivers	21.9%	539	\$32,989			
B+	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	21.6%	532	\$30,153			
В	Cargo and Freight Agents	20.9%	81	\$45,699			
В	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20.6%	125	\$21,932			
C+	Aircraft Service Attendants and Transportation Workers, All Other	19.2%	49	\$30,105			
B+	Fast Food and Counter Workers	19.1%	2,582	\$27,656			
B+	Industrial Truck and Tractor Operators	17.9%	393	\$43,628			

NEXT Fastest Growing Occupations - Kansas City

NEXT jobs typically require moderate/long-term training or experience or education beyond high school

	, , , , , , , , , , , , , , , , , , ,	•					
Grade	Occupation Title	Percent	Annual	Average Annual			
Grade	Occupation Hele	Growth	Openings	Wage			
Α	Cooks, Restaurant	52.3%	1,212	\$31,005			
B+	Millwrights	45.8%	22	\$66,393			
В	Fitness Trainers and Aerobics Instructors	34.1%	176	\$30,351			
В	Airfield Operations Specialists	33.8%	10	\$39,855			
В	Occupational Therapy Assistants	33.0%	16	\$56,134			
B+	Physical Therapist Assistants	31.6%	55	\$54,034			
Α	Musicians and Singers	29.9%	48	n/a			
C+	Animal Trainers	28.2%	27	\$32,303			
B+	Chefs and Head Cooks	26.9%	45	\$63,629			
B+	Mobile Heavy Equipment Mechanics, Except Engines	26.3%	139	\$50,705			
B+	Respiratory Therapists	26.3%	58	\$61,839			
В	Massage Therapists	25.5%	64	\$44,627			
В	Tour and Travel Guides	25.0%	14	\$33,905			
Α	First-Line Supervisors of Food Preparation and Serving Workers	25.0%	642	\$42,805			
В	Computer Numerically Controlled Tool Programmers	24.4%	7	\$58,245			
В	Self-Enrichment Education Teachers	24.0%	131	\$37,873			
В	Maintenance Workers, Machinery	23.6%	52	\$47,613			
C+	Electronic Equipment Installers and Repairers, Motor Vehicles	23.3%	18	\$41,889			
В	Audio and Video Equipment Technicians	23.3%	36	\$54,357			
C+	Veterinary Technologists and Technicians	22.3%	36	\$31,413			

LATER Fastest Growing Occupations - Kansas City

LATER jobs typically require a Bachelor's degree or higher education

Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage
A+	Nurse Practitioners	46.3%	186	\$116,011
Α	Statisticians	36.0%	9	\$92,951
Α	Operations Research Analysts	33.7%	47	\$79,126
Α	Logisticians	32.6%	39	\$75,149
A+	Medical and Health Services Managers	30.4%	164	\$111,282
В	Coaches and Scouts	29.5%	75	\$46,831
В	Camera Operators, Television, Video, and Motion Picture	27.3%	8	\$53,011
Α	Speech-Language Pathologists	27.2%	39	\$77,776
Α	Market Research Analysts and Marketing Specialists	26.9%	290	\$66,832
Α	Physician Assistants	26.4%	18	\$118,318
A+	Software Developers and Software Quality Assurance Analysts and Testers	25.9%	953	\$94,814
Α	Industrial Engineers	24.9%	82	\$83,985
Α	Health Specialties Teachers, Postsecondary	24.4%	43	\$140,306
В	Curators	24.1%	8	\$66,645
B+	Veterinarians	23.1%	20	\$83,231
B+	Nursing Instructors and Teachers, Postsecondary	22.5%	45	\$74,718
В	Agricultural Inspectors	22.2%	9	\$52,431
В	Meeting, Convention, and Event Planners	19.8%	89	\$44,176
Α	Web Developers and Digital Interface Designers	18.4%	113	\$80,930
Α	Aerospace Engineers	18.2%	6	\$111,564

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center Please see Notes tab for additional details

All Occupation Information	1 2000	2000	2020	2020	2020 W		Assessed Occasioner				Annilla d Mark	ACT Workkeys A				0751
Grade N_N_L SOC Code Title 00-0000 Total, All Occupations	Estimated Employment 583,997	Projected Employment 636,177	2020- Net Change 52,180	Percent Change En	2020 Wages try Mean Median Experience ,854 \$53,876 \$42,734 \$65,791			l Typical Education Required	Education, Experience, and Train Typical Experience Required		Applied Math Minimum Median	Workplace Do	Median Median	Graphic Lite Minimum		STEM STEM CORE or Related
11-0000 Management Occupations B LATER 11-1011 Chief Executives A+ LATER 11-1021 General and Operations Managers D LATER 11-1031 Legislators	33,016 1,138 12,339 138	36,676 1,070 13,705 139	3,660 -68 1,366 1	-6.0% \$134 11.1% \$56	,936 \$113,967 \$100,706 \$140,514 4,562 \$196,368 \$166,739 n/a ,949 \$110,843 \$89,476 \$139,373 ,856 \$44,814 \$30,872 \$57,149	30 3 260	1,918 366 3,10 44 -7 67 807 137 1,20 7 0 10	Bachelor's degree	5 years or more 5 years or more Less than 5 years	None None None	4 5 3 5 3 5	5 3 4	6 5 6	4 4 4	5 5 5	
 B+ LATER 11-2011 Advertising and Promotions Managers B+ LATER 11-2021 Marketing Managers B+ LATER 11-2022 Sales Managers A LATER 11-2030 Public Relations and Fundraising Managers 	72 537 944 411	79 596 1,031 461	7 59 87 50	11.0% \$85 9.2% \$86	,842 \$127,733 \$118,892 \$159,863 ,700 \$132,338 \$115,955 \$167,266 ,453 \$137,795 \$124,043 \$169,334 ,436 \$118,751 \$105,872 \$146,443	5 11 4 20	6 1 8 36 6 53 62 9 91 25 5 41	Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree	Less than 5 years 5 years or more Less than 5 years 5 years or more	None None None None	3 4 7 7 4 4 4 5	3 5 5 5	5 5 5 5	3 5 4 4	4 5 5 5	
 B+ LATER 11-3010 Administrative Services and Facilities Managers A LATER 11-3021 Computer and Information Systems Managers A+ LATER 11-3031 Financial Managers B+ LATER 11-3051 Industrial Production Managers 	1,227 2,463 2,104 592	1,342 2,820 2,466 655	115 357 362 63	14.5% \$102 17.2% \$95 10.6% \$81	,120 \$96,861 \$92,740 \$111,966 2,066 \$133,768 \$131,927 \$157,533 ,902 \$134,927 \$125,280 \$158,369 ,333 \$102,859 \$103,037 \$127,623	7 43 9 47 7 12	64 12 112 150 36 229 115 36 198 29 6 47	Bachelor's degree Bachelor's degree Bachelor's degree	Less than 5 years 5 years or more 5 years or more 5 years or more	None None None None	3 5 5 5 4 5 3 4	4 5 3 3	5 5 5 4	4 5 4 4	4 5 5 4	Core
B LATER 11-3061 Purchasing Managers A NEXT 11-3071 Transportation, Storage, and Distribution Managers C+ LATER 11-3111 Compensation and Benefits Managers B+ LATER 11-3121 Human Resources Managers	211 493 n/a 536	215 569 n/a 590	4 76 n/a 54	15.4% \$81 n/a n	,478 \$119,407 \$119,788 \$134,869 ,398 \$112,851 \$103,375 \$129,999 /a n/a n/a n/a n/a ,681 \$124,180 \$115,293 \$140,914	3 10 n/a	12 0 17 29 8 47 n/a n/a n/a 31 5 49	Bachelor's degree High school diploma or equivalent Bachelor's degree Bachelor's degree	5 years or more 5 years or more 5 years or more 5 years or more	None None None None	4 5 3 4 4 5 3 5	4 3 5 4	4 4 5 5	4 3 4 4	4 4 4 4	
B LATER 11-3131 Training and Development Managers n/a NEXT 11-9013 Farmers, Ranchers, and Other Agricultural Managers A LATER 11-9021 Construction Managers C LATER 11-9031 Education Administrators, Preschool and Childcare Center/Program	n/a n/a 1,103 148	n/a n/a 1,262 162	n/a n/a 159 14	n/a n 14.4% \$69	,152 \$105,017 \$101,910 \$124,944 /a n/a n/a n/a n/a ,749 \$95,883 \$91,629 \$114,658 ,850 \$50,900 \$53,863 \$61,092	n/a 3 24	n/a n/a n/a n/a n/a n/a 60 16 100 7 1 12	High school diploma or equivalent	5 years or more 5 years or more None Less than 5 years	None None Moderate-term on-the-job training None	4 4 4 6 4 5 4 4	5 5 3 5	5 5 6 5	4 4 3 4	4 5 5 4	
B LATER 11-9032 Education Administrators, Elementary and Secondary School B LATER 11-9033 Education Administrators, Postsecondary B LATER 11-9039 Education Administrators, All Other B LATER 11-9041 Architectural and Engineering Managers	1,062 222 55 387	1,146 239 62 417	84 17 7 30	7.7% \$73 12.7% \$60	,146 \$89,771 \$88,850 \$101,755 ,072 \$122,329 \$102,245 \$157,503 ,860 \$88,082 \$85,342 \$118,103 ,046 \$133,443 \$126,915 \$153,714	L 6 7 1	51 8 86 11 2 19 3 1 5 20 3 30	Master's degree Master's degree Bachelor's degree Bachelor's degree	5 years or more Less than 5 years Less than 5 years 5 years or more	None None None None	5 5 3 5 3 4 7 7	5 4 4 6	5 5 4 7	5 4 4 5	5 5 4 5	Core
B NEXT 11-9051 Food Service Managers A NEXT 11-9071 Gaming Managers B NEXT 11-9081 Lodging Managers A+ LATER 11-9111 Medical and Health Services Managers	518 n/a n/a 1,394	612 n/a n/a 1,818	94 n/a n/a 424	n/a n n/a n	,870 \$63,317 \$60,365 \$75,915 /a n/a n/a n/a /a n/a n/a n/a ,376 \$111,282 \$105,915 \$133,402	17 n/a n/a 2 40	45 9 71 n/a n/a n/a n/a n/a n/a 82 42 164	High school diploma or equivalent	Less than 5 years Less than 5 years Less than 5 years Less than 5 years	None None None None	3 3 4 3 5 3 4	4 3 3 3	4 4 5 4	3 3 4 3	4 4 5 4	Related
B LATER 11-9121 Natural Sciences Managers C NEXT 11-9131 Postmasters and Mail Superintendents B NEXT 11-9141 Property, Real Estate, and Community Association Managers B LATER 11-9151 Social and Community Service Managers	85 n/a 1,481 602	90 n/a 1,563 683	5 n/a 82 81	n/a n 5.5% \$44	8,894 \$138,573 \$129,785 \$166,533 /a n/a n/a n/a n/a, ,379 \$66,216 \$60,295 \$80,482 ,254 \$69,812 \$67,798 \$83,014	n/a	4 0 6 n/a n/a n/a 57 8 123 34 8 61	• • • • • • • • • • • • • • • • • • • •	5 years or more Less than 5 years Less than 5 years Less than 5 years	None Moderate-term on-the-job training None None	5 6 3 4 3 4 3 4	4 3 3 4	5 4 4 5	4 3 4 4	4 4 4 4	Core
C+ LATER 11-9161 Emergency Management Directors B NEXT 11-9171 Funeral Home Managers B+ LATER 11-9198 Personal Service Managers; Entertainment & Recreation Managers, Exce	n/a n/a r 1,442	n/a n/a 1,512	n/a n/a 70	n/a n	/a n/a n/a n/a /a n/a n/a n/a ,765 \$115,129 \$115,855 \$134,32!	n/a n/a 5 34	n/a n/a n/a n/a n/a n/a 72 7 113	Associate degree	5 years or more Less than 5 years Less than 5 years	None None None	3 4 3 5 3 4	4 3 4	4 6 5	4 3 3	4 5 4	
Harmonian A LATER 13-1011 Agents and Business Managers of Artists, Performers, and Athletes C+ LATER 13-1020 Buyers and Purchasing Agents C+ NEXT 13-1031 Claims Adjusters, Examiners, and Investigators	41,160 n/a 1,162 1,967	44,206 n/a 1,125 1,901	3,046 n/a -37 -66	n/a n -3.2% \$53	,680 \$76,473 \$70,540 \$94,695 /a n/a n/a n/a n/a ,440 \$71,836 \$68,298 \$90,790 ,129 \$75,979 \$77,505 \$90,438	n/a 39	2,4483053,89n/an/an/a73-4108100-7139	Bachelor's degree Bachelor's degree	Less than 5 years None None	None Moderate-term on-the-job training Long-term on-the-job training	4 5 5 5 3 3	3 4 3	5 4 4	3 4 3	4 5 4	
C NEXT 13-1032 Insurance Appraisers, Auto Damage B LATER 13-1041 Compliance Officers B LATER 13-1051 Cost Estimators A LATER 13-1071 Human Resources Specialists	n/a 1,303 1,252 2,915	n/a 1,363 1,313 3,288	n/a 60 61 373	4.6% \$55 4.9% \$53	/a n/a n/a n/a n/a ,260 \$76,258 \$77,514 \$95,234 ,873 \$80,109 \$76,530 \$104,402 ,645 \$64,593 \$60,351 \$78,904	2 36	n/a n/a n/a 71 6 109 77 6 119 206 37 327	Bachelor's degree Bachelor's degree	None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None	3 4 3 3 5 5 3 4	3 4 4 4	5 4 4 4	4 3 4 3	4 4 4 4	
D LATER 13-1075 Labor Relations Specialists A LATER 13-1081 Logisticians A+ LATER 13-1111 Management Analysts B LATER 13-1121 Meeting, Convention, and Event Planners	1,048 298 4,174 672	926 395 4,917 805	-122 97 743 133	-11.6% \$19 32.6% \$55 17.8% \$70	,681 \$57,443 \$61,824 \$91,271 ,399 \$75,149 \$69,035 \$86,921 ,642 \$92,072 \$90,174 \$108,920 ,741 \$44,176 \$40,222 \$55,474	27 7) 146	66 -12 81 22 10 39 262 74 482 54 13 89	Bachelor's degree Bachelor's degree	Less than 5 years None Less than 5 years None	None None None None	3 3 5 5 3 4 4 4	3 5 3 4	4 5 4 4	3 5 4 5	4 5 4 4	
B LATER 13-1131 Fundraisers C+ LATER 13-1141 Compensation, Benefits, and Job Analysis Specialists B LATER 13-1151 Training and Development Specialists A LATER 13-1161 Market Research Analysts and Marketing Specialists	433 315 905 2,125	485 318 1,000 2,696	52 3 95 571	12.0% \$42 1.0% \$65 10.5% \$47	,691 \$56,466 \$56,270 \$68,743 ,707 \$98,051 \$85,666 \$144,784 ,675 \$61,735 \$58,854 \$73,288 ,765 \$66,832 \$62,955 \$84,334	14 10 29	29 5 48 18 0 28 58 10 97 176 57 290	Bachelor's degree Bachelor's degree Bachelor's degree	None Less than 5 years Less than 5 years None	None None None None	3 4 4 4 3 4	3 5 4	5 5 5 4	3 4 4	4 4 4 4	
A LATER 13-1198 Project Management Specialists and Business Operations Specialists, All A LATER 13-2011 Accountants and Auditors C LATER 13-2020 Property Appraisers and Assessors		7,371 7,544 116 204	485 620 3	7.0% \$63 9.0% \$53 2.7% \$31	,092 \$85,823 \$82,540 \$104,309 ,486 \$72,536 \$66,947 \$89,525 ,486 \$47,711 \$39,662 \$52,246 ,659 \$79,209 \$80,831 \$95,654	5 165 202 4	350 48 563 428 62 692 4 0 8	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None None Long-term on-the-job training	3 4 4 5 5 5	4 4 5	5 4 5	3 4 4	4 5 5	
C LATER 13-2041 Credit Analysts B LATER 13-2052 Personal Financial Advisors C+ LATER 13-2053 Insurance Underwriters	702 1,087 n/a	627 1,047 n/a	-75 -40 n/a	-10.7% \$45 -3.7% \$55 n/a \$56	,373 \$68,731 \$58,988 \$82,271 ,564 \$106,781 \$66,815 \$100,952 ,877 \$79,724 \$73,585 \$97,218	11 2 24 n/a	10 1 16 44 -8 47 52 -4 72 n/a n/a n/a	-	None None None None	None None Long-term on-the-job training Moderate-term on-the-job training	5 5 4 4 4 4 3 4	4 4 4	5 4 5	3 4 4	5 4 4 4	
B+ LATER 13-2061 Financial Examiners C LATER 13-2071 Credit Counselors B LATER 13-2072 Loan Officers C LATER 13-2081 Tax Examiners and Collectors, and Revenue Agents	975 98 1,412 1,781	1,061 106 1,427 1,665	86 8 15 -116	8.2% \$42 1.1% \$49 -6.5% \$35	,902 \$96,055 \$84,573 \$113,799 ,116 \$58,136 \$53,578 \$61,848 ,967 \$84,703 \$64,364 \$98,963 ,268 \$45,213 \$43,251 \$51,507	2 30 67	47 9 83 6 1 9 77 2 109 77 -12 132	Bachelor's degree	None None Less than 5 years None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 5 4 4 4 4 4 4	3 4 4 4	4 4 5 4	4 4 4 4	4 4 4 4	
C NEXT 13-2082 Tax Preparers B LATER 13-2098 Financial and Investment Analysts, Financial Risk Specialists, and Financial 15-0000 Computer and Mathematical Occupations	26,561	n/a 1,693 31,106	n/a 82 4,545	5.1% \$66 17.1% \$60	,945 \$41,412 \$38,207 \$52,529 ,604 \$89,729 \$82,665 \$103,678 ,068 \$84,709 \$81,723 \$105,310	3 29 6 602	n/a n/a n/a 94 8 131 1,424 454 2,48	Bachelor's degree	None None	Moderate-term on-the-job training None	3 4 5 5	4	4 5	4	4 4	
A LATER 15-1211 Computer Systems Analysts A LATER 15-1212 Information Security Analysts A LATER 15-1221 Computer and Information Research Scientists B NEXT 15-1231 Computer Network Support Specialists	3,205 n/a n/a 1,063	3,650 n/a n/a 1,164	445 n/a n/a 101	n/a \$70 n/a \$98	,110 \$75,775 \$74,772 \$94,545 ,575 \$91,823 \$89,382 \$108,883 ,979 \$170,952 \$132,084 n/a ,257 \$79,116 \$79,729 \$100,573	3 n/a n/a	169 44 280 n/a n/a n/a n/a n/a n/a 59 10 90	Bachelor's degree	None Less than 5 years None None	None None None None	3 5 4 5 6 7 5 5	3 6 5 4	4 6 5 5	3 6 4 4	4 6 4 4	Core Core Core Core
B+ NEXT 15-1232 Computer User Support Specialists B LATER 15-1241 Computer Network Architects B LATER 15-1244 Network and Computer Systems Administrators B LATER 15-1245 Database Administrators and Architects	3,190 1,042 1,749 1,129	3,637 1,127 1,886 1,167	447 85 137 38	8.2% \$68 7.8% \$68	,476 \$57,949 \$55,157 \$66,528 ,280 \$91,990 \$83,695 \$111,948 ,764 \$88,979 \$87,350 \$106,265 ,533 \$80,085 \$75,991 \$99,843	3 15 7 30	181 45 290 49 8 72 86 14 130 56 4 87	Bachelor's degree Bachelor's degree	None 5 years or more None None	None None None None	3 4 4 4 3 5 5 5	3 5 4 4	4 5 5 4	3 5 3 5	4 5 4 5	Core Core Core Core
C+ LATER 15-1251 Computer Programmers A+ LATER 15-1256 Software Developers and Software Quality Assurance Analysts and Teste A LATER 15-1257 Web Developers and Digital Interface Designers A LATER 15-1299 Computer Occupations, All Other	1,092	1,043 11,169 1,379 2,720	-49 2,298 214 349	-4.5% \$64 25.9% \$70 18.4% \$67	,878 \$85,112 \$79,406 \$111,574 ,738 \$94,814 \$93,713 \$117,319 ,486 \$80,930 \$77,986 \$94,158 ,396 \$96,800 \$98,174 \$114,414	232 30	49 -5 65 491 230 953 62 21 113 125 35 219	Bachelor's degree	None None None None	None None None None	4 5 6 8 4 5 8 8	4 6 5 10	5 8 5 10	4 6 6 8	5 8 6 10	Core Core Core Core
A LATER 15-2011 Actuaries B+ LATER 15-2021 Mathematicians A LATER 15-2031 Operations Research Analysts A LATER 15-2041 Statisticians	n/a n/a 422 75	n/a n/a 564 102	n/a n/a 142 27	n/a \$105 n/a n 33.7% \$51	5,907 \$141,275 \$130,252 \$167,243 /a n/a n/a n/a n/a ,492 \$79,126 \$75,589 \$106,559 ,709 \$92,951 \$98,317 \$119,794	l n/a n/a 9 11	n/a n/a n/a n/a n/a n/a 22 14 47 4 3 9	Bachelor's degree	None None None None	Long-term on-the-job training None None None	7 7 7 7 7 7	7 7 7 7	7 7 7 7	6 6 6	7 7 7 7	Core Core Core Core
A LATER 15-2041 Statisticians A LATER 15-2098 Data Scientists and Mathematical Science Occupations, All Other 17-0000 Architecture and Engineering Occupations B+ LATER 17-1011 Architects, Except Landscape and Naval	396 8,687 949	464 9,597	68 910 79	17.2% \$72 10.5% \$60	,004 \$101,688 \$93,880 \$122,565 ,932 \$82,935 \$78,355 \$101,36! ,825 \$93,969 \$85,422 \$116,730	7 9 5 219	22 7 38 443 91 753 42 8 77	Bachelor's degree	None	None None Internship/residency	7 7	7	7	6	6	Core
C LATER 17-1012 Landscape Architects C LATER 17-1021 Cartographers and Photogrammetrists C+ LATER 17-1022 Surveyors	100 34 52	1,028 94 34 54	-6 0 2	-6.0% \$56 0.0% \$45 3.9% \$56	,555 \$70,012 \$66,260 \$79,486 ,605 \$59,667 \$57,018 \$66,060 ,204 \$80,939 \$75,486 \$107,746	3 1 5 2	42 8 77 4 -1 6 2 0 3 3 0 5	Bachelor's degree Bachelor's degree Bachelor's degree	None None None None	Internship/residency None Internship/residency	7 7 6 6 4 4 3 5 7 7	5 5 5	5 5 5	6 6 4	6 6 5	Related Core Core
A LATER 17-2011 Aerospace Engineers B LATER 17-2021 Agricultural Engineers C+ LATER 17-2031 Biomedical Engineers B+ LATER 17-2041 Chemical Engineers	// n/a n/a 127	91 n/a n/a 145	14 n/a n/a 18	n/a n n/a n 14.2% \$95	,851 \$111,564 \$103,743 \$150,03! /a n/a n/a n/a n/a /a n/a n/a n/a ,704 \$111,312 \$110,190 \$128,15!	n/a n/a 9 3	3 1 6 n/a n/a n/a n/a n/a n/a 5 2 10	Bachelor's degree Bachelor's degree	None None None None	None None None None	/ / / / / / / / / / / / / / / / / / /	6 6 6	6 6 6	6 6 6	/ 7 7 7	Core Core Core Core
B+ LATER 17-2051 Civil Engineers B LATER 17-2061 Computer Hardware Engineers B+ LATER 17-2071 Electrical Engineers B+ LATER 17-2072 Electronics Engineers, Except Computer	1,474 n/a 665 280	1,654 n/a 762 304	180 n/a 97 24	n/a \$72 14.6% \$77 8.6% \$82	,074 \$88,580 \$81,582 \$106,107 ,853 \$96,781 \$91,167 \$111,554 ,932 \$93,285 \$93,590 \$106,028 ,270 \$106,403 \$107,113 \$127,623	1 n/a 3 17 L 7	78 18 127 n/a n/a n/a 29 10 56 12 2 21	Bachelor's degree Bachelor's degree Bachelor's degree	None None None None	None None None None	6 6 7 7 7 7 7 7	6 6 6	6 6 6	6 6 6	6 6 6 6	Core Core Core Core
B LATER 17-2081 Environmental Engineers B+ LATER 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspect A LATER 17-2112 Industrial Engineers B LATER 17-2121 Marine Engineers and Naval Architects	169 n/a 862 n/a	184 n/a 1,077 n/a	15 n/a 215 n/a	n/a \$74 24.9% \$66	,806 \$85,741 \$80,086 \$101,229 ,426 \$96,110 \$92,489 \$119,553 ,150 \$83,985 \$79,993 \$100,022 /a n/a n/a n/a	3 n/a	9 2 15 n/a n/a n/a 39 22 82 n/a n/a n/a	Bachelor's degree	None None None None	None None None None	6 7 3 4 3 5 6 6	6 4 6 6	6 4 6 6	6 6 6	6 6 6	Core Core Core Core
A LATER 17-2131 Materials Engineers B LATER 17-2141 Mechanical Engineers B+ LATER 17-2151 Mining and Geological Engineers, Including Mining Safety Engineers C+ LATER 17-2161 Nuclear Engineers	n/a 886 n/a n/a	n/a 975 n/a n/a	n/a 89 n/a n/a	10.1% \$72 n/a n	,985 \$108,131 \$107,988 \$134,413 ,224 \$88,352 \$83,086 \$102,426 /a n/a n/a n/a /a n/a n/a n/a	•	n/a n/a n/a 38 9 63 n/a n/a n/a n/a n/a n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None None None	None None None None	5 6 4 6 4 6 7 7	6 6 6	6 6 6	6 6 6	6 6 6	Core Core Core Core
n/a LATER 17-2171 Petroleum Engineers B LATER 17-2199 Engineers, All Other C NEXT 17-3011 Architectural and Civil Drafters C+ NEXT 17-3012 Electrical and Electronics Drafters	n/a 222 519	n/a 238 534 177	n/a 16 15 13	n/a n 7.2% \$92 2.9% \$44	/a n/a n/a n/a n/a ,146 \$111,007 \$111,869 \$137,523 ,828 \$59,910 \$53,220 \$69,079 ,357 \$67,509 \$63,995 \$79,388	16	n/a n/a n/a 10 2 17 34 2 52 11 1 17	_	None None None None	None None None None	6 6 6 6 3 5	6 6 4	6 6 5	6 6 3 4	6 6 5	Core Core Core Core
C NEXT 17-3013 Mechanical Drafters D NEXT 17-3019 Drafters, All Other C NEXT 17-3022 Civil Engineering Technicians	278 n/a 332	267 n/a 344 308	-11 n/a 12 13	-4.0% \$51 n/a \$34 3.6% \$42	,600 \$68,071 \$62,803 \$80,866 ,281 \$39,092 \$37,047 \$39,813 ,870 \$56,692 \$55,535 \$68,706 ,936 \$70,458 \$71,965 \$79,738	8 n/a 10	17 -1 24 n/a n/a n/a 21 1 32	Associate degree	None None None	None None None	4 5 3 5 3 4	4 3 4	4 4 4	5 3 4	5 5 4	Core Core Core Core
C+ NEXT 17-3025 Environmental Engineering Technicians C+ NEXT 17-3026 Industrial Engineering Technicians C NEXT 17-3027 Mechanical Engineering Technicians	n/a 96 71	n/a 109 74	n/a 13 3	n/a \$31 13.5% \$41 4.2% \$51	,880 \$46,479 \$37,831 \$51,558 ,449 \$50,019 \$49,607 \$58,973 ,743 \$62,910 \$62,839 \$75,760	n/a 3 2	n/a n/a n/a 6 1 10 4 0 6	Associate degree Associate degree Associate degree	None None None None	None None None	3 4 3 4 4 4	3 3 3	4 4 5	3 3 4	5 4 4 5	Core Core Core
C NEXT 17-3031 Surveying and Mapping Technicians C+ NEXT 17-3098 Calibration and Engineering Technologists and Technicians, Except Drafte 19-0000 Life, Physical, and Social Science Occupations	3,539	120 301 3,870	29 331	10.7% \$52 9.4% \$50	,864 \$52,127 \$50,842 \$61,072 ,711 \$68,083 \$70,014 \$81,437 ,273 \$73,239 \$66,858 \$91,057	9 79	10 1 15 18 3 30 257 33 369		None None	Moderate-term on-the-job training None	3 4	3	4	3	5	Core Core
B+ LATER 19-1011 Animal Scientists B+ LATER 19-1012 Food Scientists and Technologists B LATER 19-1013 Soil and Plant Scientists B LATER 19-1021 Biochemists and Biophysicists	n/a n/a n/a 79	n/a n/a n/a 88	n/a n/a n/a 9	n/a n n/a \$49	/a n/a n/a n/a n/a /a n/a n/a n/a n/a ,016 \$71,365 \$70,228 \$79,969 ,741 \$100,979 \$88,775 \$128,875	=	n/a n/a n/a n/a n/a n/a n/a n/a n/a 6 1 8	Bachelor's degree Bachelor's degree Doctoral or professional degree	None None None None	None None None None	5 6 5 5 5 6 5 6	7 7 7 7	7 7 7 7	5 5 5 5	7 6 7 7	Core Core Core Core
A LATER 19-1022 Microbiologists C LATER 19-1023 Zoologists and Wildlife Biologists C+ LATER 19-1029 Biological Scientists, All Other B LATER 19-1031 Conservation Scientists	n/a n/a 242 67	n/a n/a 261 73	n/a n/a 19 6	n/a n 7.9% \$40	/a n/a n/a n/a n/a /a n/a n/a n/a ,472 \$64,795 \$59,849 \$85,836 ,234 \$71,949 \$68,357 \$90,719	n/a n/a 4 1	n/a n/a n/a n/a n/a n/a 18 2 24 5 1 7	Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree	None None None None	None None None None	5 6 5 5 5 6 4 5	7 7 7 5	7 7 7 6	5 5 5 4	6 6 7 5	Core Core Core Core
C LATER 19-1032 Foresters B LATER 19-1041 Epidemiologists B+ LATER 19-1042 Medical Scientists, Except Epidemiologists A LATER 19-2012 Physicists	n/a n/a 134 n/a	n/a n/a 152 n/a	n/a n/a 18 n/a	n/a n 13.4% \$70	/a n/a n/a n/a /a n/a n/a n/a ,684 \$104,635 \$85,908 \$105,050 /a n/a n/a n/a	n/a n/a) 2 n/a	n/a n/a n/a n/a n/a n/a 8 2 12 n/a n/a n/a	Master's degree Doctoral or professional degree	None None None None	None None None None	4 5 6 7 6 7 6 7	5 7 7 7	6 7 7 7	4 5 5 5	5 7 7 7	Core Core Core Core
B+ LATER 19-2021 Atmospheric and Space Scientists B LATER 19-2031 Chemists C+ LATER 19-2032 Materials Scientists B LATER 19-2041 Environmental Scientists and Specialists, Including Health	146 262 n/a 79	165 287 n/a 87	19 25 n/a 8	9.5% \$59 n/a n	,165 \$100,621 \$103,155 \$119,822 ,119 \$76,676 \$76,391 \$92,754 /a n/a n/a n/a n/a ,684 \$71,688 \$62,631 \$91,558	4 n/a	10 2 14 20 2 26 n/a n/a n/a 7 1 9	Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree	None None None None	None None None None	6 7 6 7 6 7 5 5	7 7 7 7	7 7 7 7	5 5 5 5	7 7 7 7	Core Core Core Core
B LATER 19-2042 Geoscientists, Except Hydrologists and Geographers B LATER 19-2043 Hydrologists B LATER 19-2099 Physical Scientists, All Other B LATER 19-3011 Economists	58 n/a 63 n/a	65 n/a 65 n/a	7 n/a 2 n/a	12.1% \$67 n/a n 3.2% \$80	,126 \$83,111 \$87,786 \$100,776 /a n/a n/a n/a n/a ,085 \$103,133 \$101,375 \$119,824 /a n/a n/a n/a	5 1 n/a	5 1 7 n/a n/a n/a 4 0 5 n/a n/a n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None None None	None None None None	6 6 6 6 7 7	7 7 7 7	7 7 7	5 5 5	7 7 7	Core Core Core Core
B LATER 19-3031 Clinical, Counseling, and School Psychologists B LATER 19-3039 Psychologists, All Other B LATER 19-3041 Sociologists C+ LATER 19-3051 Urban and Regional Planners	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a \$56 n/a n n/a n	,048 \$78,642 \$62,578 \$90,730 /a n/a n/a n/a /a n/a n/a n/a ,414 \$78,424 \$77,509 \$91,847	n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	Doctoral or professional degree	None None None None	Internship/residency Internship/residency None None	5 6 5 6 6 6	, 7 7 7	, 7 7 7	6 6 6	6 6 6	Core Core Core Core
B LATER 19-3091 Anthropologists and Archeologists B LATER 19-3092 Geographers C LATER 19-3093 Historians	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a \$69 n/a n n/a n	,789 \$78,817 \$78,230 \$89,926 /a n/a n/a n/a /a n/a n/a n/a		n/a n/a n/a n/a n/a n/a n/a n/a n/a	Master's degree Bachelor's degree Master's degree	None None None	None None None	6 6 6 6 4 4	7 6 6	7 6 7	6 6 5	6 6 6	Core Core
C+ LATER 19-3099 Social Scientists and Related Workers, All Other C NEXT 19-4010 Agricultural and Food Science Technicians C LATER 19-4021 Biological Technicians C NEXT 19-4031 Chemical Technicians	n/a 221 166	n/a 246 182	n/a 25 16	n/a \$35 11.3% \$39 9.6% \$36	,743 \$75,051 \$75,437 \$87,837 ,958 \$50,639 \$57,432 \$63,303 ,022 \$47,030 \$45,543 \$51,405 ,956 \$46,471 \$44,446 \$51,406	3	n/a n/a n/a 23 2 31 16 2 21	Bachelor's degree Associate degree Bachelor's degree Associate degree	None None None None	None Moderate-term on-the-job training None Moderate-term on-the-job training	3 4 3 4 3 4	3 4 3	4 4 5	3 4 3	6 4 4 4	Core Core Core Core
C+ NEXT 19-4042 Environmental Science and Protection Technicians, Including Health C NEXT 19-4045 Geological and Hydrologic Technicians C LATER 19-4061 Social Science Research Assistants D NEXT 19-4071 Forest and Conservation Technicians	80 n/a 187 n/a	91 n/a 201 n/a	11 n/a 14 n/a	n/a n 7.5% \$39 n/a n	,748 \$49,852 \$46,087 \$56,896 /a n/a n/a n/a ,992 \$54,072 \$52,812 \$64,218 /a n/a n/a n/a	n/a 5 n/a	8 1 11 n/a n/a n/a 18 1 24 n/a n/a n/a	Bachelor's degree Associate degree	None None None None	None Moderate-term on-the-job training None None	3 5 5 6 4 5 3 5	5 5 4 4	5 5 5 5	4 5 4 4	4 5 5 5	Core Core Core Core
C+ LATER 19-4092 Forensic Science Technicians B NEXT 19-4099 Life, Physical, and Social Science Technicians, All Other B LATER 19-5011 Occupational Health and Safety Specialists C+ NEXT 19-5012 Occupational Health and Safety Technicians	60 104 332 56	67 114 368 60	7 10 36 4	9.6% \$53 10.8% \$58	,452 \$59,525 \$58,755 \$74,606 ,453 \$72,938 \$69,486 \$92,262 ,036 \$72,842 \$71,561 \$87,459 ,612 \$62,694 \$49,483 \$65,243	3 10	6 1 9 10 1 14 15 4 29 2 0 4	Bachelor's degree Associate degree Bachelor's degree High school diploma or equivalent	None None None None	Moderate-term on-the-job training None None Moderate-term on-the-job training	3 5 3 4 3 3 3 5	4 3 4 4	5 4 4 4	3 3 4 4	5 4 4 4	Core Core Related Related
21-0000 Community and Social Service Occupations C+ LATER 21-1012 Educational, Guidance, School, and Vocational Counselors B LATER 21-1013 Marriage and Family Therapists	8,750 1,360 n/a	9,865 1,502 n/a	1,115 142 n/a	10.4% \$37	,185 \$44,767 \$41,212 \$53,364 ,757 \$47,830 \$46,738 \$57,884 /a n/a n/a n/a		594 112 1,00 85 14 146 n/a n/a n/a	Master's degree	None None	None Internship/residency	3 4 3 4	3 3	4 4	3 3	4 4	
C+ LATER 21-1015 Rehabilitation Counselors B LATER 21-1018 Substance Abuse, Behavioral Disorder, and Mental Health Counselors C+ LATER 21-1019 Counselors, All Other B LATER 21-1021 Child, Family, and School Social Workers	974 797 n/a 1,705	1,096 926 n/a 1,964	122 129 n/a 259	12.5% \$29 16.2% \$37 n/a n	,430 \$40,524 \$36,722 \$48,090 ,894 \$46,198 \$44,907 \$51,734 /a n/a n/a n/a ,736 \$38,885 \$37,796 \$43,119	28 n/a	61 12 107 51 13 92 n/a n/a n/a 116 26 193	Master's degree Bachelor's degree Master's degree	None None None None	None None None None	3 3 3 3 3 4	3 5 5 3	5 5 5 4	3 4 4 3	4 4 4 4	
B LATER 21-1022 Healthcare Social Workers C LATER 21-1023 Mental Health and Substance Abuse Social Workers C+ LATER 21-1029 Social Workers, All Other C+ LATER 21-1091 Health Educators	1,040 188 165 250	1,140 208 178 274	100 20 13 24	9.6% \$44 10.6% \$32 7.9% \$65	,095 \$56,321 \$57,047 \$66,516 ,357 \$41,898 \$37,742 \$46,780 ,792 \$71,814 \$73,294 \$81,904 ,137 \$54,011 \$49,637 \$62,742	31 6 5	69 10 110 12 2 20 11 1 17 18 2 29	——————————————————————————————————————	None None None None	Internship/residency Internship/residency None None	3 4 3 4 3 4	3 3 3	4 4 4 5	3 3 3	4 4 4	
D LATER 21-1092 Probation Officers and Correctional Treatment Specialists B NEXT 21-1093 Social and Human Service Assistants C+ NEXT 21-1094 Community Health Workers	214 1,167 306	212 1,355 351	-2 188 45	-0.9% \$35 16.1% \$25 14.7% \$34	,478 \$39,104 \$38,724 \$42,729 ,906 \$33,058 \$31,808 \$38,420 ,390 \$43,599 \$40,292 \$51,227	5 50 11	13 0 18 95 19 164 23 4 38	Bachelor's degree High school diploma or equivalent High school diploma or equivalent	None None None	Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 3 3 4 4 4	4 3 4	4 4 4	3 4 4	4 4 4	
C+ LATER 21-1099 Community and Social Service Specialists, All Other C+ LATER 21-2011 Clergy B LATER 21-2021 Directors, Religious Activities and Education D LATER 21-2099 Religious Workers, All Other	302 181 n/a n/a	344 197 n/a n/a	42 16 n/a n/a	8.8% \$46 n/a n	,333 \$44,228 \$43,915 \$52,301 ,696 \$56,864 \$55,759 \$62,412 /a n/a n/a n/a /a n/a n/a n/a	11 8 n/a n/a	22 4 37 11 2 21 n/a n/a n/a n/a n/a	_	None None Less than 5 years None	None Moderate-term on-the-job training None None	3 4 3 4 4 4 3 4	3 4 5 4	4 5 5 5	3 4 4 4	4 5 4 4	
23-0000 Legal Occupations A LATER 23-1011 Lawyers C LATER 23-1012 Judicial Law Clerks	6,778 3,531 53	7,609 3,965 53	831 434 0	12.3% \$70 0.0% \$43	,613 \$84,664 \$63,845 \$112,274 ,719 \$117,818 \$107,623 \$145,982 ,612 \$55,334 \$48,082 \$54,875	2 81 2	311 83 604 92 43 216 2 0 4	Doctoral or professional degree Doctoral or professional degree	None None	None None	5 5 5 5	7 7	7 7	5 5	5 5	
B LATER 23-1021 Administrative Law Judges, Adjudicators, and Hearing Officers B LATER 23-1022 Arbitrators, Mediators, and Conciliators B LATER 23-1023 Judges, Magistrate Judges, and Magistrates B NEXT 23-2011 Paralegals and Legal Assistants	n/a n/a 88 2,437	n/a n/a 87 2,796	n/a n/a -1 359	n/a n -1.1% \$115	3,528 \$150,149 \$164,462 \$181,487 /a n/a n/a n/a n/a 5,787 \$145,684 \$153,905 \$183,713 ,916 \$49,812 \$51,451 \$61,321	n/a L 2	n/a n/a n/a n/a n/a n/a 2 0 4 177 36 314	Bachelor's degree Doctoral or professional degree	5 years or more Less than 5 years 5 years or more None	Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training None	5 5 3 4 5 5 3 3	7 4 7 6	7 4 7 6	5 3 5 3	5 4 5 3	
C NEXT 23-2093 Title Examiners, Abstractors, and Searchers C NEXT 23-2099 Legal Support Workers, All Other 25-0000 Education, Training, and Library Occupations	485 125 27,738	517 128 30,368	32 3 2,630	6.6% \$31 2.4% \$48	,783 \$42,676 \$38,579 \$54,313 ,390 \$58,563 \$54,452 \$62,326 ,281 \$51,229 \$44,352 \$60,951	18 5	29 3 50 7 0 12 1,307 263 2,70	High school diploma or equivalent Associate degree	None None	Moderate-term on-the-job training None	3 4 3 4	3	4 4	3	4 4	
B LATER 25-1011 Business Teachers, Postsecondary B LATER 25-1021 Computer Science Teachers, Postsecondary B LATER 25-1022 Mathematical Science Teachers, Postsecondary B LATER 25-1031 Architecture Teachers, Postsecondary	158 62 88 n/2	168 67 93 n/a	2,630 10 5 5 n/a	6.3% \$62 8.1% \$65 5.7% \$61	,727 \$121,475 \$99,335 \$158,806 ,964 \$105,041 \$101,728 \$130,298 ,044 \$94,654 \$94,382 \$123,094 /a n/a n/a n/a	5 7 3 3	8 1 16 3 0 6 4 0 8 n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None None	None None None None	4 4 5 5 6 7 6 7	7 7 7 7	7 7 7 7	5 5 5	6 6 7 7	Core Core Related
B LATER 25-1031 Architecture Teachers, Postsecondary B+ LATER 25-1032 Engineering Teachers, Postsecondary D LATER 25-1041 Agricultural Sciences Teachers, Postsecondary B+ LATER 25-1042 Biological Science Teachers, Postsecondary C LATER 25-1043 Forestry and Conservation Science Teachers, Postsecondary	n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n n/a n n/a \$62	/a n/a n/a n/a /a n/a n/a n/a ,259 \$99,036 \$103,115 \$124,88	n/a n/a n/a 2 n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None None None	None None None None None	6 7 5 5 5 6 5	, 7 7 7	, 7 7 7	5 5 5	, 7 6 6	Core Core Core Core
B LATER 25-1051 Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondar B LATER 25-1052 Chemistry Teachers, Postsecondary B LATER 25-1053 Environmental Science Teachers, Postsecondary	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a	n/a n n/a n n/a n	/a n/a n/a n/a /a n/a n/a n/a /a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None	None None None	5 6 7 7 7 5 5 5	, 7 7 7	, 7 7 7	5 5 5	5 7 7 6	Core Core Core
B LATER 25-1054 Physics Teachers, Postsecondary C+ LATER 25-1061 Anthropology and Archeology Teachers, Postsecondary B LATER 25-1062 Area, Ethnic, and Cultural Studies Teachers, Postsecondary B+ LATER 25-1063 Economics Teachers, Postsecondary	n/a n/a 37 n/a	n/a n/a 40 n/a	n/a n/a 3 n/a	n/a n 8.1% \$60 n/a \$83	/a n/a n/a n/a n/a /a n/a n/a n/a n/a ,362 \$83,538 \$78,607 \$105,798 ,291 \$132,457 \$117,453 \$163,552		n/a n/a n/a n/a n/a n/a 2 0 4 n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None None	None None None None	, 7 7 7 5 7 7	/ 7 7 7	/ 7 7 7	5 5 5 5	, 6 6 7	Core Core Core
C LATER 25-1064 Geography Teachers, Postsecondary C+ LATER 25-1065 Political Science Teachers, Postsecondary B LATER 25-1066 Psychology Teachers, Postsecondary B LATER 25-1067 Sociology Teachers, Postsecondary	n/a n/a 154 n/a	n/a n/a 169 n/a	n/a n/a 15 n/a	9.7% \$58 n/a n	/a n/a n/a n/a /a n/a n/a n/a ,292 \$88,604 \$81,498 \$111,966 /a n/a n/a n/a	n/a n/a 5 7 n/a	n/a n/a n/a n/a n/a n/a 8 2 17 n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None None	None None None None	5 6 4 4 7 7 7 7	7 7 7 7	/ 7 7 7	5 5 5 5	6 6 6	Core Core Core
C LATER 25-1069 Social Sciences Teachers, Postsecondary, All Other A LATER 25-1071 Health Specialties Teachers, Postsecondary B+ LATER 25-1072 Nursing Instructors and Teachers, Postsecondary C+ LATER 25-1081 Education Teachers, Postsecondary	n/a 345 360 163	n/a 429 441 176	n/a 84 81 13	22.5% \$49 8.0% \$49	/a n/a n/a n/a n/a,559 \$140,306 \$116,593 \$191,456,722 \$74,718 \$69,906 \$92,511,211 \$75,896 \$68,195 \$100,289	18	n/a n/a n/a 18 8 43 19 8 45 8 1 17	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None Less than 5 years Less than 5 years Less than 5 years	None None None None	7 7 6 6 6 6 5 5	7 7 7 7	7 7 7 7	5 5 5 5	6 6 6	Core Related Related
B LATER 25-1082 Library Science Teachers, Postsecondary B+ LATER 25-1111 Criminal Justice and Law Enforcement Teachers, Postsecondary B+ LATER 25-1112 Law Teachers, Postsecondary B LATER 25-1113 Social Work Teachers, Postsecondary	n/a 93 n/a 50	n/a 103 n/a 54	n/a 10 n/a 4	n/a n 10.8% \$108 n/a n	/a n/a n/a n/a n/a 3,236 \$107,192 \$117,177 \$126,117 /a n/a n/a n/a n/a ,918 \$80,701 \$73,881 \$101,012	n/a 7 4 n/a	n/a n/a n/a 5 1 10 n/a n/a n/a 2 0 4	Doctoral or professional degree Doctoral or professional degree	None None Less than 5 years None	None None None None	5 5 5 5 5 5 5 5	7 7 7 7	7 7 7 7	5 5 5 5	6 6 6	
B LATER 25-1113 Social work Teachers, Postsecondary B LATER 25-1121 Art, Drama, and Music Teachers, Postsecondary C+ LATER 25-1122 Communications Teachers, Postsecondary B LATER 25-1123 English Language and Literature Teachers, Postsecondary B LATER 25-1124 Foreign Language and Literature Teachers, Postsecondary	225 65 137 51	54 247 69 145 56	22 4 8	9.8% \$50 6.2% \$48 5.8% \$61	,918 \$80,701 \$73,881 \$101,012 ,876 \$79,706 \$71,766 \$106,034 ,417 \$77,405 \$70,243 \$103,702 ,082 \$96,896 \$100,077 \$124,040 /a n/a n/a n/a	11 L 3	11 2 24 3 0 6 7 1 14 2 0	Master's degree Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None None None	None None None None None	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	, 7 7 7	7 7 7	5 5 5 5	6 6 6	
B LATER 25-1124 Foreign Language and Literature Teachers, Postsecondary B LATER 25-1125 History Teachers, Postsecondary B LATER 25-1126 Philosophy and Religion Teachers, Postsecondary C+ LATER 25-1192 Home Economics Teachers, Postsecondary B LATER 25-1193 Recreation and Fitness Studies Teachers, Postsecondary	58 84 n/a	62 94 n/a	5 4 10 n/a n/a	6.9% \$62 11.9% \$55 n/a n	,705 \$88,303 \$87,660 \$115,929 ,696 \$82,945 \$72,735 \$100,829 /a n/a n/a n/a	5 4 n/a	2 0 4 3 0 6 4 1 9 n/a n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None None None	None None None	5 5 5 5 5 6 5 -	, 7 7 7	, 7 7 7	5 5 5	6 6 6	
C+ LATER 25-1193 Recreation and Fitness Studies Teachers, Postsecondary B LATER 25-1194 Vocational Education Teachers, Postsecondary B LATER 25-1199 Postsecondary Teachers, All Other C+ NEXT 25-2011 Preschool Teachers, Except Special Education	n/a 492 187 683	n/a 502 198 790	n/a 10 11 107	2.0% \$40 5.9% \$51	/a n/a n/a n/a n/a, ,371 \$64,144 \$53,402 \$77,598 ,217 \$85,793 \$78,501 \$116,256 ,536 \$34,995 \$31,891 \$40,114	5 9	n/a n/a n/a 23 1 46 9 1 19 43 11 84	Bachelor's degree Doctoral or professional degree	None Less than 5 years None None	None None None None	3 4 5 5 4 4	, 7 7 3	, 7 7 4	5 5 4	6 6 5	

Column C	13	1	1
D NEXT 29-2051 Dietetic recrificans D NEXT 29-2052 Pharmacy Technicians C NEXT 29-2053 Psychiatric Technicians C NEXT 29-2055 Surgical Technologists C+ NEXT 29-2056 Veterinary Technologists and Technicians C NEXT 29-2057 Ophthalmic Medical Technicians C+ NEXT 29-2057 Ophthalmic Medical Technicians C+ NEXT 29-2061 Licensed Practical and Licensed Vocational Nurses D NEXT 29-2081 Opticians, Dispensing B LATER 29-2091 Orthotists and Prosthetists C+ NEXT 29-2092 Hearing Aid Specialists C+ NEXT 29-2098 Medical Dosimetrists, Medical Records Specialists, and Health Technologi C+ LATER 29-9091 Athletic Trainers A LATER 29-9092 Genetic Counselors 1,919 1	19 1,929 10 0.5% \$26,315 \$32,423 \$31,193 \$38,451 52 83 3 487 54 12.5% \$23,726 \$31,431 \$28,947 \$37,572 13 20 1 387 26 7.2% \$38,950 \$47,938 \$48,184 \$57,854 10 16 4 433 79 22.3% \$26,532 \$31,413 \$30,458 \$36,681 11 17 a n/a n/a n/a \$32,072 \$37,388 \$36,763 \$42,125 n/a n/a 02 2,795 193 7.4% \$42,559 \$47,543 \$47,188 \$52,405 91 113 6 163 -3 -1.8% \$28,103 \$34,931 \$32,834 \$40,385 7 6 a n/a n/a n/a n/a n/a n/a n/a n/a a n/a n/a n/a n/a n/a n/a n/a n/a 49 1,456 107 7.9% \$36,614 \$51,004 \$46,654 \$61,346 38 60 a n/a n/a n/a n/a \$41,874 \$4	1 136 High school diploma or equivalent None Moderate-term on-the-job training 4 5 38 Postsecondary non-degree award Less than 5 years Short-term on-the-job training 3 3 29 Postsecondary non-degree award None None 3 8 36 Associate degree None None None 3 19 223 Postsecondary non-degree award None None 3 19 223 Postsecondary non-degree award None None 3 19 13 High school diploma or equivalent None Long-term on-the-job training 3 10 13 Master's degree None Internship/residency 3 11 109 Postsecondary non-degree award None Moderate-term on-the-job training 4 11 109 Postsecondary non-degree award None None None 3 11 109 Postsecondary non-degree award None None None 3 12 None None None None 3 13 None None None None 3 14 None None None None 3 15 None None None None None 3 16 None None None None 3 17 None None None None None 3 18 None None None None None None None None	3
C NEXT 29-9098 Health Information Technologists, Medical Registrars, Surgical Assistants 383 A NOW 31-1120 Home Health and Personal Care Aides 11,20 B NEXT 31-1131 Nursing Assistants 5,344 C NOW 31-1132 Orderlies n/a C+ NOW 31-1133 Psychiatric Aides n/a B NEXT 31-2011 Occupational Therapy Assistants 91 D NEXT 31-2012 Occupational Therapy Aides n/a B+ NEXT 31-2012 Occupational Therapy Aides n/a B+ NEXT 31-2021 Physical Therapist Assistants 332 C NOW 31-2022 Physical Therapist Aides n/a B NEXT 31-9011 Massage Therapists 424 C NEXT 31-9091 Dental Assistants 1,092 B NEXT 31-9092 Medical Assistants 1,093 C NEXT 31-9094 Medical Equipment Preparers 229 F NEXT 31-9095 Pharmacy Aides n/a C+ NOW 31-9096 Veterinary Assistants and Laboratory Animal Caretakers n/a B NEXT 31-9097 Phlebotomists 537 C NEXT 31-9099 Healthcare Support Workers, All Other 68	3 412 29 7.6% \$35,640 \$51,437 \$43,329 \$58,454 11 17 33 26,571 4,538 20.6% \$22,816 \$29,297 \$26,292 \$32,714 1,454 1,460 206 14,600 3,394 30.3% \$21,637 \$25,033 \$23,712 \$25,934 826 731 444 5,766 422 7.9% \$24,130 \$29,172 \$28,282 \$32,540 356 314 a n/a n/a n/a \$24,500 \$28,558 \$28,253 \$31,750 n/a n/a a n/a n/a n/a \$27,221 \$30,060 \$29,421 \$31,729 n/a n/a 1 121 30 33.0% \$49,240 \$56,134 \$56,785 \$63,058 5 8 a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	3 31 Postecondary non-degree award None None None 3 454 3,368 339 1,896 High school diploma or equivalent None Short-term on-the-job training 3 None None 3 None 3 None None 3 None Short-term on-the-job training 4 None None None None None None None None	3 3 4 4 4 Related 3 3 4 4 4 Related 3 3 4 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4
33-0000 Protective Service Occupations11,78DNEXT33-1011 First-Line Supervisors of Correctional Officers34BNEXT33-1012 First-Line Supervisors of Police and Detectives399C+NEXT33-1021 First-Line Supervisors of Fire Fighting and Prevention Workers412C+NEXT33-1090 Miscellaneous First-Line Supervisors, Protective Service Workers195CNEXT33-2011 Fire Inspectors and Investigators44DNEXT33-3011 Bailiffs35DNEXT33-3012 Correctional Officers and Jailers502BNEXT33-3012 Detectives and Criminal Investigators569CLATER33-3031 Fish and Game Wardensn/aFNOW33-3041 Parking Enforcement Workersn/aC+NEXT33-3051 Police and Sheriff's Patrol Officers2,713n/aNEXT33-3052 Transit and Railroad Policen/aDNEXT33-9011 Animal Control Workersn/aC+NEXT33-9021 Private Detectives and Investigatorsn/aC+NEXT33-9031 Gaming Surveillance Officers and Gaming Investigators54B+NOW33-9032 Security Guards4,144BNOW33-9092 Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers422BNOW33-9098 School Bus Monitors and Protective Service Workers, All Other399	4 32 -2 -5.9% \$44,070 \$52,566 \$49,483 \$61,231 1 2 9 405 6 1.5% \$71,176 \$91,333 \$86,863 \$108,109 9 16 2 417 5 1.2% \$65,720 \$82,303 \$91,318 \$101,983 10 17 5 216 21 10.8% \$47,730 \$60,859 \$58,360 \$68,960 8 12 71 1,692 21 1.3% \$32,806 \$52,226 \$51,858 \$71,126 37 87 4 45 1 2.3% \$32,175 \$57,965 \$64,589 \$78,376 2 2 2 2 2 34 -1 -2.9% \$34,523 \$42,067 \$40,172 \$50,663 1 2 2 2 2 4 55 -47 -9.4% \$30,246 \$35,343 \$35,660 \$39,769 18 26 9 580 11 1.	781,40003High school diploma or equivalentLess than 5 yearsNone3126High school diploma or equivalentLess than 5 yearsModerate-term on-the-job training3027Postsecondary non-degree awardLess than 5 yearsModerate-term on-the-job training4222High school diploma or equivalentLess than 5 yearsNone32126Postsecondary non-degree awardNoneLong-term on-the-job training304Postsecondary non-degree award5 years or moreModerate-term on-the-job training503High school diploma or equivalentNoneModerate-term on-the-job training3-539High school diploma or equivalentNoneModerate-term on-the-job training3143High school diploma or equivalentLess than 5 yearsModerate-term on-the-job training3n/an/aBachelor's degreeNoneModerate-term on-the-job training3n/an/aHigh school diploma or equivalentNoneModerate-term on-the-job training33209High school diploma or equivalentNoneModerate-term on-the-job training3n/an/aHigh school diploma or equivalentNoneModerate-term on-the-job training3n/an/aHigh school diploma or equivalentNoneModerate-term on-the-job training319High school diploma or equivalentLess than 5 yea	3 3 5 3 3 4 4 5 5 4 5 4 5 4 4 5 3 5 3 4 4 3 4 4 4 3 3 4 3 4 3 3 4 3 4 3 3 3 3 3 3 3 3 3 4 3 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 3 4 3 3 4
B+ NEXT 35-1011 Chefs and Head Cooks 257 A NEXT 35-1012 First-Line Supervisors of Food Preparation and Serving Workers 3,386 C+ NOW 35-2011 Cooks, Fast Food 3,388 C+ NOW 35-2012 Cooks, Fast Food 2,266 n/a NEXT 35-2012 Cooks, Institution and Cafeteria 2,266 n/a NEXT 35-2013 Cooks, Private Household n/a A NEXT 35-2014 Cooks, Restaurant 5,170 C NOW 35-2015 Cooks, Short Order 386 D NEXT 35-2019 Cooks, All Other n/a B NOW 35-2019 Cooks, All Other n/a B NOW 35-3011 Bartenders 2,769 A NOW 35-3023 Fast Food and Counter Workers 10,70 B+ NOW 35-3031 Waiters and Waitresses 10,87 C+ NOW 35-9011 Dining Room and Cafeteria Atte	7 326 69 26.9% \$44,436 \$63,629 \$61,133 \$76,324 9 29 86 4,231 845 25.0% \$29,914 \$42,805 \$38,013 \$52,058 170 388 88 3,443 55 1.6% \$20,099 \$23,352 \$21,903 \$25,236 201 292 66 2,357 91 4.0% \$22,701 \$29,405 \$28,060 \$33,755 136 198 6a n/a	1,076 10,168 7 45 High school diploma or equivalent 5 years or more None 3 84 642 High school diploma or equivalent Less than 5 years None 4 6 499 No formal educational credential None Short-term on-the-job training 3 9 343 No formal educational credential None Short-term on-the-job training 3 1/a n/a Postsecondary non-degree award Less than 5 years None 3 270 1,212 No formal educational credential Less than 5 years Moderate-term on-the-job training 3 6 65 No formal educational credential None Short-term on-the-job training 3 1/a n/a No formal educational credential None Short-term on-the-job training 3 33 533 No formal educational credential None Short-term on-the-job training 3 205 2,582 No formal educational credential None Short-term on-the-job training 3 2105 2,582 No formal educational credential None Short-term on-the-job training 3 211 150 No formal educational credential None Short-term on-the-job training 3 211 150 No formal educational credential None Short-term on-the-job training 3 212 327 No formal educational credential None Short-term on-the-job training 3 225 2,582 No formal educational credential None Short-term on-the-job training 3 226 327 No formal educational credential None Short-term on-the-job training 3 227 No formal educational credential None Short-term on-the-job training 3 228 327 No formal educational credential None Short-term on-the-job training 3 230 321 No formal educational credential None Short-term on-the-job training 3 240 402 No formal educational credential None Short-term on-the-job training 3 240 402 No formal educational credential None Short-term on-the-job training 3 241 No formal educational credential None Short-term on-the-job training 3 242 No formal educational credential None Short-term on-the-job training 3 253 No formal educational credential None Short-term on-the-job training 3 254 No formal educational credential None Short-term on-the-job training 3 255 No formal educational credential None Short-term on-the-job training 3 266 No formal educational crede	3 3 4 3 4 4 4 5 4 4 3 3 3 3 3 4 3 4 3 4 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 3 3 3
C+ NEXT 37-1011 First-Line Supervisors of Housekeeping and Janitorial Workers 680 C NEXT 37-1012 First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping 646 B NOW 37-2011 Janitors and Cleaners, Except Maids and Housekeeping Cleaners 6,082 B NOW 37-2012 Maids and Housekeeping Cleaners 3,144 C NOW 37-2019 Building Cleaning Workers, All Other n/a C NEXT 37-2021 Pest Control Workers n/a B NOW 37-3011 Landscaping and Groundskeeping Workers 3,722 B NEXT 37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation n/a C NOW 37-3013 Tree Trimmers and Pruners n/a B NOW 37-3019 Grounds Maintenance Workers, All Other n/a	0 738 58 8.5% \$31,631 \$44,561 \$44,039 \$55,994 30 49 6 679 33 5.1% \$36,852 \$48,695 \$48,697 \$60,368 21 48 82 6,500 418 6.9% \$24,659 \$32,263 \$30,141 \$37,965 393 441 44 3,588 444 14.1% \$20,777 \$24,605 \$23,380 \$26,318 229 217 6 n/a n/a <td< td=""><td>6 85 High school diploma or equivalent 3 72 High school diploma or equivalent 42 876 No formal educational credential 44 490 No formal educational credential 45 None 46 No formal educational credential 47 None 48 None 49 No formal educational credential 49 None 40 No formal educational credential 40 None 41 None 42 Short-term on-the-job training 43 None 44 None 45 None 46 Short-term on-the-job training 47 None 47 None 48 None 49 No formal educational credential 49 None 40 None 40 None 41 None 41 None 42 None 43 None 44 None 45 None 46 None 47 None 48 None 48 None 49 None 49 None 40 N</td><td>4 3 4 3 4 5 5 5 4 4 3 3 3 3 3 3 3 3 3 3 4 3 4 3 4 3 3 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 4</td></td<>	6 85 High school diploma or equivalent 3 72 High school diploma or equivalent 42 876 No formal educational credential 44 490 No formal educational credential 45 None 46 No formal educational credential 47 None 48 None 49 No formal educational credential 49 None 40 No formal educational credential 40 None 41 None 42 Short-term on-the-job training 43 None 44 None 45 None 46 Short-term on-the-job training 47 None 47 None 48 None 49 No formal educational credential 49 None 40 None 40 None 41 None 41 None 42 None 43 None 44 None 45 None 46 None 47 None 48 None 48 None 49 None 49 None 40 N	4 3 4 3 4 5 5 5 4 4 3 3 3 3 3 3 3 3 3 3 4 3 4 3 4 3 3 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 4
B NEXT 39-1013 First-Line Supervisors of Gambling Services Workers n/a Sp-1098 First-Line Supervisors of Gambling Service & Entertainment and Recreation n/a NEXT 39-2011 Animal Trainers 163 H NOW 39-2021 Nonfarm Animal Caretakers 1,143 H NOW 39-3011 Gaming Dealers n/a Gaming Dealers n/a Gaming Dealers n/a Gaming Service Workers, All Other n/a Sp-3031 Ushers, Lobby Attendants, and Ticket Takers 572 H NOW 39-3031 Ushers, Lobby Attendants, and Ticket Takers 572 H NOW 39-3091 Amusement and Recreation Attendants n/a Sp-3093 Locker Room, Coatroom, and Dressing Room Attendants n/a Sp-3093 Locker Room, Coatroom, and Dressing Room Attendants 10 NOW 39-3093 Locker Room, Coatroom, and Dressing Room Attendants 10 NOW 39-3093 Entertainment Attendants and Related Workers, All Other 48 NOW 39-3091 Embalmers n/a Now 39-4021 Funeral Attendants n/a Now Now 39-4031 Morticians, Undertakers, and Funeral Directors n/a NexT 39-4031 Morticians, Undertakers, and Funeral Directors n/a NexT 39-5012 Hairdressers, Hairstylists, and Cosmetologists 2,460 Now 39-6011 Baggage Porters and Bellhops n/a NexT 39-5012 Concierges n/a NexT 39-5012 Concierges n/a NexT 39-5014 Concierges n/a NexT 39-5015 Concierges n/a NexT 39-9014 Childcare Workers 4,177 Now 39-9015 Concierges n/a NexT 39-9031 Fitness Trainers and Aerobics Instructors 823 C NexT 39-9031 Fitness Trainers and Aerobics Instructors 908 C NexT 39-9041 Residential Advisors n/a NexT 39-9041 Residential Advisors n/a NexT 39-9041 Residential Advisors n/a Now 39-9016 C NexT 39-9041 Residential Advisors n/a NexT 39-9041	a n/a	n/a n/a High school diploma or equivalent Less than 5 years None 8 n/a n/a High school diploma or equivalent Less than 5 years None 3 5 27 High school diploma or equivalent None Moderate-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 24 182 No formal educational credential None Short-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a n/a Associate degree None Long-term on-the-job training 3 n/a n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a n/a Associate degree None Long-term on-the-job training 3 n/a n/a Postsecondary non-degree award None None None None 3 n/a n/a Postsecondary non-degree award None None None None None 3 n/a n/a Postsecondary non-degree award None None None None None None None None	8 8 8 8 8 4 3 4 3 4 3 3 3 4 4 3 3 3 3 3 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 5 6 6 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
41-0000 Sales and Related Occupations C+ NEXT 41-1011 First-Line Supervisors of Retail Sales Workers 4,233 C+ NEXT 41-1012 First-Line Supervisors of Non-Retail Sales Workers 1,473 C NOW 41-2011 Cashiers 15,02 C+ NOW 41-2012 Gaming Change Persons and Booth Cashiers n/a C+ NOW 41-2021 Counter and Rental Clerks 1,370 C+ NEXT 41-2022 Parts Salespersons n/a C+ NOW 41-2031 Retail Salespersons 12,323 B NEXT 41-3011 Advertising Sales Agents 641 B NEXT 41-3011 Insurance Sales Agents 2,925 B LATER 41-3031 Securities, Commodities, and Financial Services Sales Agents 2,193 C NEXT 41-3041 Travel Agents 168 A NEXT 41-3091 Sales Representatives of Services, Except Advertising, Insurance, Financia 3,470 B+ LATER 41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and Scier 1,033 C NOW 41-9012 Demonstrators and Product Promoters 93 C NOW 41-9012 Models n/a	33 3,982 -251 -5.9% \$34,297 \$46,450 \$41,790 \$53,224 145 285 71 1,393 -78 -5.3% \$51,979 \$78,340 \$72,442 \$94,563 42 85 13,787 -1,241 -8.3% \$21,672 \$25,331 \$24,233 \$27,631 1,226 1,379 1 1,507 137 10.0% \$23,501 \$35,551 \$27,435 \$39,153 64 99 1 1,507 137 10.0% \$23,501 \$35,551 \$27,435 \$39,153 64 99 1 1,507 137 10.0% \$20,986 \$29,592 \$25,578 \$31,290 692 1,023 1 675 34 5.3% n/a	-6 7,058 -25 405 High school diploma or equivalent -8 119 No formal educational credential -124 2,481 No formal educational credential -14 None Short-term on-the-job training -15 No formal educational credential -16 None Short-term on-the-job training -17 No formal educational credential -18 No formal educational credential -19 None Moderate-term on-the-job training -19 289 High school diploma or equivalent -19 None Moderate-term on-the-job training -10 187 Bachelor's degree None Moderate-term on-the-job training -10 187 Bachelor's degree None Moderate-term on-the-job training -19 283 High school diploma or equivalent -10 None Moderate-term on-the-job training -11 117 Bachelor's degree None Moderate-term on-the-job training -11 117 Bachelor's degree None Moderate-term on-the-job training -12 18 No formal educational credential -13 No formal educational credential -14 None Moderate-term on-the-job training -15 None Moderate-term on-the-job training -16 None Moderate-term on-the-job training -17 None Moderate-term on-the-job training -18 No formal educational credential -19 None None None None-term on-the-job training -10 None None-term on-the-job training -11 None None-term on-the-job training -12 None None-term on-the-job training -13 No formal educational credential -14 None None-term on-the-job training -15 None-term on-the-job training -16 None-term on-the-job training -17 No formal educational credential -18 No formal educational credential -19 None None-term on-the-job training -10 None-term on-the-job training -10 None-term on-the-job training -11 None-term on-the-job training -12 None-term on-the-job training -18 No formal educational credential -18 No formal educational credential -19 None-term on-the-job training -10 None-term on-the-job training -10 None-term on-the-job training -11 None-term on-the-job training -12 None-term on-the-job tr	4

NEXT	T 41-9022 Real Estate Sales Agents	960 1,039 1,310 1,406	79 8.2% \$35,340 \$71,397 \$87,507 \$101,000 42 44 8 96 7.3% \$38,317 \$59,025 \$55,587 \$76,009 56 60 10	High school diploma or equivalent Less than 5 years None 3 High school diploma or equivalent None Moderate-term on-the-job training 3	4 3 5 3 4 3 4 3 5 3 4
LATE NOW NOW	V 41-9041 Telemarketers	203 223 290 250 n/a n/a	20 9.9% \$59,844 \$79,128 \$72,589 \$92,764 4 18 2 -40 -13.8% \$24,038 \$33,160 \$33,531 \$39,216 12 28 -4 n/a n/a \$28,684 \$46,754 \$32,546 \$38,624 n/a n/a n/a	24 Bachelor's degree None Moderate-term on-the-job training 6 36 No formal educational credential None Short-term on-the-job training 3 n/a No formal educational credential None Short-term on-the-job training 3	6 6 4 4 4 4 Core 3 3 3 4 3 4
) NOW	,	758 718	-40 -5.3% \$22,050 \$28,055 \$24,135 \$28,419 34 60 -4	90 High school diploma or equivalent None Short-term on-the-job training 3	3 3 4 3 4
3 NEXT		78,625 76,554 5,015 4,941	- 2,071 - 2.6% \$ 30,497 \$ 41,728 \$ 38,545 \$ 50,230 3,687 4,757 - 20 -74 -1.5% \$47,072 \$63,337 \$60,274 \$74,823 185 304 -7	8,237 482 High school diploma or equivalent Less than 5 years None 3	3 4 3 4 3 4
NOW NOW	43-2011 Switchboard Operators, Including Answering Service	210 160 n/a n/a	-50 -23.8% \$26,676 \$31,954 \$31,340 \$37,255 10 11 -5 n/a n/a n/a n/a n/a n/a	16 High school diploma or equivalent None Short-term on-the-job training 3 n/a High school diploma or equivalent None Short-term on-the-job training 3	3 4 4 3 4 3 3 4 4 3 4
NOW NEXT	T 43-3011 Bill and Account Collectors	n/a n/a 464 425 1,540 1,528	n/a	n/a High school diploma or equivalent None Short-term on-the-job training 6 44 High school diploma or equivalent None Moderate-term on-the-job training 3 156 High school diploma or equivalent None Moderate-term on-the-job training 3	6 8 8 6 8 3 4 4 4 4
NEXT NEXT	T 43-3031 Bookkeeping, Accounting, and Auditing Clerks	5,502 5,376 n/a n/a	-126 -2.3% \$34,461 \$44,221 \$43,951 \$52,820 319 278 -13 n/a n/a \$20,089 \$27,404 \$26,278 \$32,639 n/a n/a n/a	584 Some college, no degree None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Short-term on-the-job training 4	3 4 3 4 4 4 3 3 3 3
NEXT NEXT	T 43-3061 Procurement Clerks	511 435 163 151	-76 -14.9% \$33,971 \$43,703 \$44,541 \$52,953 22 26 -8 -12 -7.4% \$38,597 \$45,512 \$44,780 \$51,676 4 10 -1	40 High school diploma or equivalent None Moderate-term on-the-job training 4 13 High school diploma or equivalent None Moderate-term on-the-job training 3	4 3 4 4 4 3 3 4 4 3 3
NOW NOW NEXT	V 43-3099 Financial Clerks, All Other	1,506 1,247 n/a n/a 146 115	-259 -17.2% \$25,698 \$30,733 \$30,275 \$35,866 56 86 -26 n/a n/a \$38,108 \$47,207 \$46,330 \$54,875 n/a n/a n/a -31 -21.2% \$41,580 \$49,887 \$48,248 \$56,847 5 9 -3	116 High school diploma or equivalent None Short-term on-the-job training 3 n/a High school diploma or equivalent None Short-term on-the-job training 3 11 High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 4 3 4 3 4 3 4 3 4
NEXT NOW NEXT	V 43-4021 Correspondence Clerks	146 115 n/a n/a 760 761	-31 -21.2% \$41,580 \$49,887 \$48,248 \$56,847 5 9 -3 n/a n/a n/a n/a n/a n/a n/a n/a n/a 1 0.1% \$30,869 \$41,208 \$38,098 \$48,596 37 38 0	11 High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Short-term on-the-job training 3 75 High school diploma or equivalent None Long-term on-the-job training 3	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
NEXT	T 43-4041 Credit Authorizers, Checkers, and Clerks	n/a n/a 11,371 11,367	n/a n/a \$37,132 \$45,579 \$44,286 \$52,167 n/a n/a n/a -4 0.0% \$28,317 \$37,087 \$35,154 \$42,668 534 894 0	n/a High school diploma or equivalent None Moderate-term on-the-job training 4 1,428 High school diploma or equivalent None Short-term on-the-job training 3	4 4 4 4 4 3 4 3 4 3 4
NEXT NOW	V 43-4071 File Clerks	1,664 1,720 490 440	56 3.4% \$39,062 \$47,160 \$48,396 \$56,446 63 88 6 -50 -10.2% \$28,197 \$34,965 \$34,863 \$40,940 25 29 -5	High school diploma or equivalent None Moderate-term on-the-job training High school diploma or equivalent None Short-term on-the-job training Short-term on-the-job training	4 3 5 3 4 4 4 3 3 4 4
NOW NEXT	T 43-4111 Interviewers, Except Eligibility and Loan	539 666 1,458 1,462 118 115	127 23.6% \$20,042 \$23,299 \$21,556 \$24,808 35 64 13 4 0.3% \$28,710 \$36,092 \$35,317 \$41,377 84 94 0 -3 -2.5% \$19,789 \$25,847 \$20,191 \$32,027 10 8 0	112High school diploma or equivalentNoneShort-term on-the-job training3178High school diploma or equivalentNoneShort-term on-the-job training318High school diploma or equivalentNoneShort-term on-the-job training3	3 3 4 3 4 3 3 4 3 3 3
NEXT NEXT	T 43-4131 Loan Interviewers and Clerks	1,158 1,122 360 301	-36 -3.1% \$31,045 \$41,128 \$38,923 \$49,361 33 67 -4 -59 -16.4% \$29,440 \$35,652 \$34,179 \$39,407 10 21 -6	96 High school diploma or equivalent None Short-term on-the-job training 3 25 High school diploma or equivalent None Moderate-term on-the-job training 3	3 4 4 4 4 4 3 4 4 3 4
NEXT NEXT	T 43-4161 Human Resources Assistants, Except Payroll and Timekeeping	199 178 442 422	-21 -10.6% \$27,979 \$35,116 \$32,634 \$40,401 8 12 -2 -20 -4.5% \$38,371 \$45,849 \$45,613 \$52,447 17 26 -2	Some college, no degree None Short-term on-the-job training 3 Associate degree None None 3	4 3 4 3 4 3 4 3 4 3 4
NOW NOW NOW	V 43-4181 Reservation and Transportation Ticket Agents and Travel Clerks	2,746 2,772 313 304 1,135 1,189	26 1.0% \$26,930 \$30,917 \$30,454 \$35,438 154 191 3 -9 -2.9% \$32,848 \$50,094 \$45,527 \$69,198 12 22 -1 54 4.8% \$31,527 \$38,821 \$35,714 \$45,135 47 77 5	High school diploma or equivalent None Short-term on-the-job training 3 High school diploma or equivalent None Short-term on-the-job training 4 High school diploma or equivalent None Short-term on-the-job training 3	3 3 4 3 4 1 4 4 4 4 4 3 3 3 4 4 4
NOW NOW	V 43-5011 Cargo and Freight Agents	633 765 109 104	132 20.9% \$35,001 \$45,699 \$40,953 \$51,246 27 41 13 -5 -4.6% \$21,690 \$30,010 \$26,505 \$37,391 4 6 0	81 High school diploma or equivalent None Short-term on-the-job training 3 10 High school diploma or equivalent None Short-term on-the-job training 3	3 3 4 4 4 4 3 3 4 4 4 4
C+ NEXT	T 43-5032 Dispatchers, Except Police, Fire, and Ambulance	397 402 885 965	5 1.3% \$35,132 \$44,283 \$41,006 \$50,959 14 22 0 80 9.0% \$34,346 \$49,400 \$47,610 \$61,294 33 52 8	High school diploma or equivalent None Moderate-term on-the-job training High school diploma or equivalent None Moderate-term on-the-job training None None Short town on the job training	3 3 4 3 4 3 3 4 4 4 3 3 3 3 3 3 3 3 3 3
NOW NOW NOW	V 43-5051 Postal Service Clerks	37 31 310 285 1,328 1,220	-6 -16.2% \$31,200 \$41,893 \$41,588 \$51,973 1 2 -1 -25 -8.1% \$47,066 \$54,222 \$52,177 \$62,998 14 11 -2 -108 -8.1% \$38,625 \$52,944 \$50,719 \$65,032 44 46 -11	2 High school diploma or equivalent None Short-term on-the-job training 3 23 High school diploma or equivalent None Short-term on-the-job training 3 79 High school diploma or equivalent None Short-term on-the-job training 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
NOW NOW C+ NEXT	43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Operato	945 823 624 674	-108 -8.1% \$38,023 \$52,944 \$30,719 \$03,032 44 40 -11 -122 -12.9% \$41,492 \$53,221 \$61,601 \$62,986 48 29 -12 50 8.0% \$44,169 \$54,180 \$56,225 \$64,238 23 42 5	65 High school diploma or equivalent None Short-term on-the-job training 3 70 High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 3 3 3 3 3 4 3 4 3 4
NOW NOW	43-5111 Weighers, Measurers, Checkers, and Samplers, Recordkeeping	3,292 3,237 263 335	-55 -1.7% \$26,715 \$34,210 \$32,368 \$39,686 119 192 -6 72 27.4% \$29,680 \$39,718 \$38,118 \$48,033 11 17 7	305 High school diploma or equivalent None Short-term on-the-job training 3 35 High school diploma or equivalent None Short-term on-the-job training 3	3 3 4 3 4 3 3 3 3 4
NEXT NEXT NEXT NEXT	T 43-6012 Legal Secretaries	3,365 2,744 485 400 3,075 3,306	-621 -18.5% \$41,806 \$54,344 \$51,827 \$64,360 155 171 -62 -85 -17.5% \$43,332 \$55,431 \$56,433 \$66,638 22 25 -8 231 7.5% \$30,882 \$37,051 \$35,844 \$41,018 162 178 23	High school diploma or equivalent Less than 5 years None 3 High school diploma or equivalent None Moderate-term on-the-job training 4 High school diploma or equivalent None Moderate-term on-the-job training 3	4 3 4 3 4
C+ NOW	43-6014 Secretaries and Administrative Assistants, Except Legal, Medical, and Exe	7,864 7,209 1,210 963	-655 -8.3% \$33,030 \$40,779 \$39,691 \$48,473 384 421 -66 -247 -20.4% \$28,092 \$34,066 \$31,533 \$37,821 48 69 -25	739 High school diploma or equivalent None Short-term on-the-job training 3 92 High school diploma or equivalent None Short-term on-the-job training 3	3 3 4 3 4 3 3 3 4 4
NOW NEXT	•	81 53 n/a n/a	-28 -34.6% \$34,668 \$41,643 \$42,075 \$48,413 4 4 -3 n/a n/a n/a n/a n/a n/a n/a n/a	5 High school diploma or equivalent None Short-term on-the-job training 3 n/a Associate degree None Short-term on-the-job training 3	3 4 4 4 4 3 4 5 5 3 4
NEXT NOW	43-9051 Mail Clerks and Mail Machine Operators, Except Postal Service	1,316 1,310 1,044 998 12,404 12,417	-6 -0.5% \$34,236 \$52,154 \$45,046 \$64,017 46 77 -1 -46 -4.4% \$28,381 \$31,712 \$31,517 \$33,829 52 64 -5 13 0.1% \$27,075 \$37,683 \$35,868 \$46,595 677 736 1	High school diploma or equivalent None Moderate-term on-the-job training 3 High school diploma or equivalent None Short-term on-the-job training 3 High school diploma or equivalent None Short-term on-the-job training 3	3 4 4 3 4 3 3 3 3 3 3
C+ NOW NOW LATE	43-9071 Office Machine Operators, Except Computer	375 310 n/a n/a	13 0.1% \$27,075 \$37,683 \$35,868 \$46,595 677 736 1 -65 -17.3% \$32,574 \$38,446 \$36,658 \$40,985 18 20 -6 n/a n/a n/a n/a n/a n/a n/a n/a	1,414High school diploma or equivalentNoneShort-term on-the-job training332High school diploma or equivalentNoneShort-term on-the-job training3n/aBachelor's degreeNoneNoneNone	3 3 4 3 4 5 5 4 4 5 5
C+ LATE	R 43-9111 Statistical Assistants	74 79 325 334	5 6.8% \$58,005 \$78,005 \$79,851 \$96,680 2 7 0 9 2.8% \$22,898 \$38,357 \$35,269 \$47,454 14 23 1	9 Bachelor's degree None None 3 38 High school diploma or equivalent None Short-term on-the-job training 3	5 4 5 4 5 3 4 3 3 3 4
NIEW-	45-0000 Farming, Fishing, and Forestry Occupations	1,727 1,892	165 9.6% \$22,996 \$32,505 \$28,673 \$36,786 76 205 16	297	4 4 2 5
NEXT B LATE n/a NOW	R 45-2011 Agricultural Inspectors	n/a n/a 45 55 n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a 10 22.2% \$39,081 \$52,431 \$48,618 \$64,657 2 6 1 n/a n/a n/a n/a n/a n/a n/a	n/a High school diploma or equivalent Less than 5 years None 4 9 Bachelor's degree None Moderate-term on-the-job training 5 n/a High school diploma or equivalent None Short-term on-the-job training 3	5 5 5 5 4 4 3 3 3 3 3
NOW C+ NEXT	V 45-2041 Graders and Sorters, Agricultural Products Γ 45-2091 Agricultural Equipment Operators	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a No formal educational credential None Short-term on-the-job training 3 n/a No formal educational credential None Moderate-term on-the-job training 4	3 3 3 3 3 1 4 4 4 4 4
C+ NOW NOW NOW	45-2093 Farmworkers, Farm, Ranch, and Aquacultural Animals	n/a n/a n/a n/a n/a n/a	n/a n/a \$22,106 \$30,617 \$30,010 \$37,378 n/a n/a n/a n/a n/a \$21,772 \$26,471 \$24,705 \$29,491 n/a n/a n/a	n/a No formal educational credential None Short-term on-the-job training 3 n/a No formal educational credential None Short-term on-the-job training 3 n/a No formal educational credential None Short-term on-the-job training 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
n/a NOW : NEXT n/a NEXT	T 45-4011 Forest and Conservation Workers	n/a n/a n/a n/a n/a n/a	n/a n/a	n/a No formal educational credential None Short-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 3 3 3 3 3 4
) NEXT	T 45-4023 Log Graders and Scalers	n/a n/a	n/a n/a n/a n/a n/a n/a n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 3 3
NEXT	T 47-1011 First-Line Supervisors of Construction Trades and Extraction Workers	27,798 30,502 2,763 3,061	2,704 9.7% \$40,228 \$59,285 \$57,159 \$75,599 856 1,963 270 298 10.8% \$65,017 \$80,938 \$80,626 \$97,012 82 189 30 -14 -7.5% \$34,721 \$65,357 \$61,131 \$95,496 3 13 -1	3,089 301 High school diploma or equivalent 5 years or more None 3 15 High school diploma or equivalent None Apprenticeshin 3	3 4 4 5 4 4 3 4 2 2 2 2
NEXT NEXT NEXT	T 47-2021 Brickmasons and Blockmasons	187 173 316 309 3,588 3,839	-14 -7.5% \$34,721 \$65,357 \$61,131 \$95,496 3 13 -1 -7 -2.2% \$65,244 \$68,590 \$71,519 \$77,864 10 19 -1 251 7.0% \$45,372 \$64,597 \$60,172 \$86,203 108 232 25	15 High school diploma or equivalent None Apprenticeship 3 28 High school diploma or equivalent None Apprenticeship 3 365 High school diploma or equivalent None Apprenticeship 3	4 3 3 3 3 4 3 4 3 4
NOW NEXT	V 47-2041 Carpet Installers Γ 47-2042 Floor Layers, Except Carpet, Wood, and Hard Tiles	n/a n/a n/a n/a	n/a n/a \$21,259 \$25,300 \$22,797 \$24,336 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a No formal educational credential None Short-term on-the-job training 5 n/a No formal educational credential None Moderate-term on-the-job training 5	. 4 3 4 4 4 5 5 5
NEXT	T 47-2044 Tile and Marble Setters	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a \$34,291 \$45,121 \$44,122 \$52,990 n/a n/a n/a	n/aNo formal educational credentialNoneModerate-term on-the-job training3n/aNo formal educational credentialNoneLong-term on-the-job training4	3 3 4 3 4 1 4 3 4 4
C+ NEXT C NEXT B+ NOW		1,546 1,625 n/a n/a 4,559 5,180	79 5.1% \$44,904 \$56,698 \$57,711 \$70,167 38 104 8 n/a n/a n/a n/a n/a n/a n/a n/a n/a 621 13.6% \$35,093 \$49,726 \$46,299 \$65,011 144 329 62	150 No formal educational credential None Moderate-term on-the-job training 5 n/a High school diploma or equivalent None Apprenticeship 5 Short-term on-the-job training 3	5 4 4 4 4 5 5 5 5 5 5 2 2 2 4 2 4
NEXT NEXT	T 47-2071 Paving, Surfacing, and Tamping Equipment Operators	n/a n/a 2,330 2,560	n/a n/a \$42,522 \$50,137 \$48,982 \$58,658 n/a n/a n/a 230 9.9% \$42,835 \$56,597 \$56,016 \$71,544 80 175 23	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 278 High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 4 3 4 3 3 3 4 3 4
C+ NEXT	T 47-2081 Drywall and Ceiling Tile Installers T 47-2082 Tapers	206 227 n/a n/a	21 10.2% \$44,369 \$57,494 \$59,506 \$70,936 5 12 2 n/a n/a n/a n/a n/a n/a n/a n/a	19 No formal educational credential None Moderate-term on-the-job training 3 n/a No formal educational credential None Moderate-term on-the-job training 3	3 4 3 4 3 3 3 3
NEXT NEXT NEXT	T 47-2121 Glaziers	3,153 3,666 110 123 148 164	513 16.3% \$39,836 \$61,965 \$61,291 \$78,646 99 250 51 13 11.8% \$41,072 \$61,697 \$61,032 \$78,919 3 9 1 16 10.8% \$31,180 \$53,068 \$47,690 \$76,441 4 11 2	400 High school diploma or equivalent None Apprenticeship 3 13 High school diploma or equivalent None Apprenticeship 3 17 No formal educational credential None Short-term on-the-job training 3	4 3 5 3 5 3 3 3 3 3 2 2 2 2
C+ NOW C+ NEXT NEXT	T 47-2132 Insulation Workers, Mechanical	235 262 1,059 1,158	27 11.5% \$41,169 \$58,590 \$53,037 \$74,426 6 17 3 99 9.4% \$38,435 \$53,452 \$52,768 \$66,968 34 62 10	17 No formal educational credential None Short-term on-the-job training 3 26 High school diploma or equivalent None Apprenticeship 3 106 No formal educational credential None Moderate-term on-the-job training 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
C+ NOW	T 47-2142 Paperhangers	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a No formal educational credential None Long-term on-the-job training 3 n/a No formal educational credential None Short-term on-the-job training 3	3 4 4 4 4 4 3 3 4 4 4 4
3+ NEXT C+ NEXT	T 47-2161 Plasterers and Stucco Masons	2,039 2,258 n/a n/a	219 10.7% \$46,349 \$64,542 \$60,363 \$79,451 63 154 22 n/a n/a \$44,980 \$54,255 \$54,331 \$63,264 n/a n/a n/a 34 9.5% \$49,532 \$68,727 \$63,790 \$85,638 9 26 3	High school diploma or equivalent None Apprenticeship 3 n/a No formal educational credential None Long-term on-the-job training 3	4 3 4 3 4 3 4 3 3 3
S NEXT C+ NEXT C+ NEXT	T 47-2211 Sheet Metal Workers	357 391 951 1,020 504 547	34 9.5% \$49,532 \$68,727 \$63,790 \$85,638 9 26 3 69 7.3% \$35,757 \$61,222 \$57,448 \$89,288 27 64 7 43 8.5% \$37,298 \$54,768 \$49,236 \$74,330 14 40 4	38 No formal educational credential None Moderate-term on-the-job training 3 98 High school diploma or equivalent None Apprenticeship 3 58 High school diploma or equivalent None Apprenticeship 3	3 3 3 3 3 4 3 3 3 3 3 3 3
NOW	47-3011 HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a No formal educational credential None Short-term on-the-job training 3 n/a No formal educational credential None Short-term on-the-job training 3	3 3 3 4 4 3 3 3 3 3 3
NOW NOW	47-3015 HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	n/a n/a n/a n/a	n/a n/a \$33,325 \$35,828 \$36,050 \$38,776 n/a	n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a High school diploma or equivalent None Short-term on-the-job training 3	3 4 4 3 3 3 3 3 4 4
NOW NOW NEXT	47-3019 Helpers, Construction Trades, All Other	n/a n/a n/a n/a 443 416	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a -27 -6.1% \$46,455 \$56,501 \$53,904 \$64,063 23 26 -3	n/a No formal educational credential None Short-term on-the-job training 3 n/a No formal educational credential None Short-term on-the-job training 3 46 High school diploma or equivalent 5 years or more Moderate-term on-the-job training 5	3 4 4 4 4 3 3 3 4 3 4 5 5 5 5 4 4
C+ NEXT	T 47-4021 Elevator Installers and Repairers	n/a n/a n/a n/a	n/a	n/a High school diploma or equivalent None Apprenticeship 4 n/a No formal educational credential None Moderate-term on-the-job training 4	4 4 4 4 4 4 1 4 3 4 4 4
NEXT	T 47-4051 Highway Maintenance Workers	128 138 668 693	10 7.8% \$34,120 \$42,200 \$37,599 \$43,314 5 11 1 25 3.7% \$35,644 \$45,031 \$41,853 \$56,111 27 43 2	High school diploma or equivalent None Moderate-term on-the-job training High school diploma or equivalent None Moderate-term on-the-job training Moderate-term on-the-job training	3 4 4 4 4 3 3 3 3
NEXTO NEXTO NEXTO	T 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners	n/a n/a 95 97 n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2 2.1% \$35,497 \$39,725 \$39,525 \$45,591 3 8 0 n/a n/a \$38,858 \$47,139 \$45,981 \$51,519 n/a n/a n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 11 High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 4 4 3 3 3 4 4 4 4 3 3 4 4 3 3
NEXT NEXT	T 47-5012 Rotary Drill Operators, Oil and Gas	n/a n/a 192 211	n/a n/a 338,838 \$47,133 \$43,381 \$31,313 11/a 11/a 11/a n/a n/a n/a n/a n/a n/a n/a 19 9.9% \$40,327 \$57,353 \$58,755 \$75,488 6 17 2	n/a No formal educational credential None Moderate-term on-the-job training 3 25 High school diploma or equivalent Less than 5 years Moderate-term on-the-job training 3	3 3 3 4 4 4 3 3 3 4 3 4
n/a NEXT	T 47-5071 Roustabouts, Oil and Gas T 47-5097 Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Har	n/a n/a 37 39	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2 5.4% \$44,678 \$55,928 \$56,831 \$67,666 1 3 0	n/a No formal educational credential None Moderate-term on-the-job training 3 4 High school diploma or equivalent Less than 5 years Long-term on-the-job training 3	3 3 3 3 3 3 3 3 4 3 4
C NEXT		n/a n/a 23,922 25,857	n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 6 2,570	6 8 8 8 8
NEXT	T 49-1011 First-Line Supervisors of Mechanics, Installers, and Repairers	1,481 1,577 218 234	96 6.5% \$48,162 \$66,722 \$68,160 \$84,173 44 91 10 16 7.3% \$31,857 \$43,264 \$43,119 \$51,452 7 17 2	145 High school diploma or equivalent Less than 5 years None 3 26 Some college, no degree None Short-term on-the-job training 5	3 5 3 5 5 5 5 5 5 5
NEXT NEXT	T 49-2022 Telecommunications Equipment Installers and Repairers, Except Line Inst	n/a n/a 882 777	n/a n/a \$36,233 \$44,086 \$42,775 \$51,580 n/a n/a n/a -105 -11.9% \$46,080 \$54,718 \$55,185 \$62,458 29 64 -10	n/a Associate degree None Moderate-term on-the-job training 3 83 Postsecondary non-degree award None Moderate-term on-the-job training 3	4 3 4 4 4 3 4 3 4 4
B NEXT NEXT n/a NEXT	T 49-2092 Electric Motor, Power Tool, and Related Repairers	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a \$20,075 \$39,555 \$25,687 \$56,331 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a Associate degree None None 3 n/a High school diploma or equivalent Less than 5 years Moderate-term on-the-job training 3 n/a Postsecondary non-degree award None Long-term on-the-job training 3	4 3 4 4 5 3 3 3 3 3 3 3 4 5
C+ NEXT	T 49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equipmen	n/a n/a 43 49 n/a n/a	n/a	n/a Postsecondary non-degree award None Long-term on-the-job training 3 4 Postsecondary non-degree award None Long-term on-the-job training 3 n/a Postsecondary non-degree award Less than 5 years Moderate-term on-the-job training 4	3 3 4 3 4 4 4 4 4 4
C+ NEXT	T 49-2097 Electronic Home Entertainment Equipment Installers and Repairers	163 201 n/a n/a	38 23.3% \$36,752 \$41,889 \$42,719 \$48,206 5 9 4 n/a n/a \$38,629 \$54,085 \$50,949 \$67,373 n/a n/a n/a	High school diploma or equivalent None Moderate-term on-the-job training 3 None Short-term on-the-job training 3	4 3 4 3 4 3 3 4 4 4 4
NEXT NEXT	T 49-3011 Aircraft Mechanics and Service Technicians	n/a n/a 196 215 957 1,068	n/a n/a \$37,953 \$51,313 \$49,047 \$61,826 n/a n/a n/a 19 9.7% \$44,442 \$62,175 \$66,772 \$78,065 6 11 2 111 11.6% \$41,442 \$52,246 \$55,298 \$62,438 32 60 11	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 19 Postsecondary non-degree award None None S 103 High school diploma or equivalent None Long-term on-the-job training 3	4 3 4 4 4 3 5 4 5
S NEXT C+ NEXT C+ NEXT	T 49-3023 Automotive Service Technicians and Mechanics	957 1,068 3,372 3,396 1,583 1,699	111 11.6% \$41,442 \$52,246 \$55,298 \$62,438 32 60 11 24 0.7% \$35,425 \$47,993 \$46,811 \$59,922 101 230 2 116 7.3% \$43,942 \$52,721 \$53,082 \$62,148 46 102 12	103High school diploma or equivalentNoneLong-term on-the-job training3333Postsecondary non-degree awardNoneShort-term on-the-job training3160High school diploma or equivalentNoneLong-term on-the-job training3	3 4 3 4 3 4 3 3 3 4 3 4
C+ NEXT B+ NEXT	T 49-3042 Mobile Heavy Equipment Mechanics, Except Engines	93 109 1,019 1,287	16 17.2% \$37,789 \$49,245 \$47,591 \$60,046 3 7 2 268 26.3% \$42,291 \$50,705 \$49,578 \$59,486 34 78 27	High school diploma or equivalent None Long-term on-the-job training 3 High school diploma or equivalent None Long-term on-the-job training 3	3 3 3 4 4 3 3 3 3 3 3
C+ NEXT C+ NEXT C NEXT	T 49-3052 Motorcycle Mechanics	141 158 n/a n/a	17 12.1% \$42,092 \$46,309 \$46,294 \$50,495 4 10 2 n/a n/a n/a n/a n/a n/a n/a n/a n/a 7 9.6% \$33,552 \$35,686 \$36,338 \$39,124 3 5 1	16 High school diploma or equivalent None Long-term on-the-job training 3 n/a Postsecondary non-degree award None Short-term on-the-job training 3 9 High school diploma or equivalent None Moderate-term on-the-job training 3	4 3 4 4 4 3 4 4 4 4 4 2 3 3 3 4 4
NEXT NOW	T 49-3092 Recreational Vehicle Service Technicians	n/a n/a 712 753	n/a n/a \$33,096 \$40,931 \$37,731 \$45,902 n/a n/a n/a 41 5.8% \$27,708 \$33,092 \$31,265 \$37,667 23 61 4	n/a High school diploma or equivalent None Long-term on-the-job training 4 88 High school diploma or equivalent None Short-term on-the-job training 3	3 3 3 4 4 4 3 3 3 4
S+ NEXT	T 49-9012 Control and Valve Installers and Repairers, Except Mechanical Door	n/a n/a n/a n/a	n/a n/a \$47,076 \$71,460 \$64,346 \$84,249 n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 4 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	4 4 4 4 4 3 3 3 3 4
NEXT NEXT NEXT NEXT	T 49-9031 Home Appliance Repairers	1,274 1,383 n/a n/a n/a	109 8.6% \$39,590 \$53,311 \$50,680 \$66,486 34 91 11 n/a	136 Postsecondary non-degree award None Long-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Long-term on-the-job training 3	- - - 3 4 3 4 3 4 3 4 3 4
NEXT NEXT	T 49-9043 Maintenance Workers, Machinery T 49-9044 Millwrights	433 535 144 210	102 23.6% \$36,701 \$47,613 \$45,166 \$57,331 16 26 10 66 45.8% \$52,046 \$66,393 \$71,451 \$78,132 5 10 7	High school diploma or equivalent None Long-term on-the-job training 3 High school diploma or equivalent None Apprenticeship 3	4 3 4 3 4 3 4
C+ NEXT	T 49-9051 Electrical Power-Line Installers and Repairers T 49-9052 Telecommunications Line Installers and Repairers	372 386 n/a n/a	14 3.8% \$65,087 \$79,213 \$82,280 \$96,990 7 26 1 n/a n/a \$35,432 \$46,703 \$42,877 \$56,594 n/a n/a n/a	34 High school diploma or equivalent None Long-term on-the-job training 3 n/a High school diploma or equivalent None Long-term on-the-job training 3	4 3 4 3 4 3 3 4 3 4
NEXT NEXT NEXT NEXT	T 49-9062 Medical Equipment Repairers	n/a n/a 376 406 n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 30 8.0% \$34,526 \$47,349 \$43,965 \$59,322 17 23 3 n/a n/a \$35,144 \$37,338 \$37,439 \$39,734 n/a n/a n/a	n/a High school diploma or equivalent None Long-term on-the-job training 4 43 Associate degree None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Apprenticeship 4	3 5 4 4 4 4 4 5 3 4 4 4 4 4 4
NEXTC+ NEXT	. T 49-9064 Watch Repairers T 49-9069 Precision Instrument and Equipment Repairers, All Other	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a High school diploma or equivalent None Long-term on-the-job training 4 n/a High school diploma or equivalent None Long-term on-the-job training 4	4 4 4 4 4 1 5 4 4 4
NEXT C+ NOW C NEXT	49-9091 Coin, Vending, and Amusement Machine Servicers and Repairers	5,735 6,208 166 186 142 149	473 8.3% \$33,163 \$43,453 \$40,547 \$52,545 210 348 47 20 12.1% \$29,685 \$45,252 \$43,847 \$59,578 8 13 2 7 4.9% \$47,806 \$53,625 \$55,138 \$61,019 6 9 1	High school diploma or equivalent None Moderate-term on-the-job training 3 High school diploma or equivalent None Short-term on-the-job training 3 High school diploma or equivalent None Long-term on-the-job training 3	4 3 4 3 4 3 4 4 4 4 3 4 3 4 4
NEXT	V 49-9095 Manufactured Building and Mobile Home Installers Γ 49-9096 Riggers	n/a n/a n/a n/a	/ 4.9% \$47,806 \$53,625 \$55,138 \$61,019 6 9 1 n/a	n/a High school diploma or equivalent None Short-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 3 4 4 3 3 3 3 3 3
n/a NEXT C NOW	49-9097 Signal and Track Switch Repairers49-9098 HelpersInstallation, Maintenance, and Repair Workers	n/a n/a 34 37	n/a n/a n/a n/a n/a n/a n/a n/a n/a 3 8.8% \$22,858 \$36,662 \$28,211 \$50,464 2 3 0	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 5 High school diploma or equivalent None Short-term on-the-job training 3	3 3 3 3 3 3 3 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
C+ NEXT		397 437 37,333 39,313	40 10.1% \$44,549 \$55,009 \$57,549 \$66,723 15 28 4 1,980 5.3% \$31,254 \$43,176 \$41,061 \$51,336 1,486 2,723 198	47 High school diploma or equivalent None Moderate-term on-the-job training 6 4,407	o 6 6 8
NEXT	 51-1011 First-Line Supervisors of Production and Operating Workers 51-2011 Aircraft Structure, Surfaces, Rigging, and Systems Assemblers 	2,122 2,277 n/a n/a	155 7.3% \$47,051 \$65,432 \$62,219 \$79,544 66 148 16 n/a n/a n/a n/a n/a n/a n/a	230 High school diploma or equivalent Less than 5 years None 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	4 3 4 3 4 3 3 4 3 4
NEXT NEXT NEXT	51-2028 Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winc	n/a n/a 859 1,047 n/a n/a	n/a n/a n/a n/a n/a n/a n/a 188 21.9% \$28,679 \$34,062 \$34,505 \$39,059 38 61 19 n/a n/a n/a n/a n/a n/a n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 118 High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 4 3 3 3 3 3 3 3 3 3
NEXT	 51-2041 Structural Metal Fabricators and Fitters 51-2051 Fiberglass Laminators and Fabricators 	n/a n/a n/a n/a	n/a n/a \$36,280 \$41,578 \$41,525 \$47,952 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 3 3 4 3 3 3 3 3 3
NEXT	T 51-2090 Miscellaneous Assemblers and Fabricators T 51-3011 Bakers	9,569 10,372 n/a n/a	803 8.4% \$35,962 \$43,463 \$43,902 \$49,912 380 712 80 n/a n/a \$23,177 \$31,166 \$27,623 \$35,203 n/a n/a n/a	1,172 High school diploma or equivalent None Moderate-term on-the-job training 3 n/a No formal educational credential None Long-term on-the-job training 3	3 3 3 3 3 3 3 3 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 3 4 3
NEXT NOW NOW	V 51-3022 Meat, Poultry, and Fish Cutters and Trimmers	761 718 161 172 n/a n/a	-43 -5.7% \$27,424 \$36,131 \$32,983 \$44,377 30 55 -4 11 6.8% \$22,091 \$30,054 \$29,012 \$36,474 7 12 1 n/a n/a n/a n/a n/a n/a n/a n/a	No formal educational credential None Long-term on-the-job training 3 No formal educational credential None Short-term on-the-job training 3 No formal educational credential None Short-term on-the-job training 3	4 3 4 3 4 3 3 3 3 3 3 3 3 3
NOW NEXT	T 51-3091 Food and Tobacco Roasting, Baking, and Drying Machine Operators and ☐ 51-3092 Food Batchmakers	n/a n/a n/a n/a 376 420	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a 44 11.7% \$26,328 \$33,539 \$32,249 \$39,763 18 30 4	n/a No formal educational credential None Moderate-term on-the-job training 3 52 High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 3 3 4 3 3 3 3 4
NEXT NEXT		n/a n/a 49 50 n/a n/a	n/a n/a \$24,544 \$32,518 \$30,011 \$38,057 n/a n/a n/a 1 2.0% \$24,777 \$31,472 \$29,154 \$35,340 2 3 0 n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 5 No formal educational credential None Moderate-term on-the-job training 3	3 3 4 3 4 3 3 3 3 4 3 3 2 2 2
NEXT NEXT NEXT	T 51-4022 Forging Machine Setters, Operators, and Tenders, Metal and Plastic	n/a n/a n/a n/a n/a n/a	n/a n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	5 3 3 4 3 3 4 3 4 3 4 3 4
D NEXT	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, No. 51-4032 Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal	547 540 n/a n/a	-7 -1.3% \$33,667 \$41,849 \$38,762 \$49,980 17 37 -1 n/a n/a n/a n/a n/a n/a n/a n/a	High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 3 4 3 3 3 4 4
NEXTO NEXT	 51-4033 Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators 51-4034 Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal a 	138 139 n/a n/a	1 0.7% \$32,515 \$46,823 \$51,217 \$59,582 6 10 0 n/a n/a \$38,780 \$47,413 \$45,618 \$52,472 n/a n/a n/a n/a n/a \$29,299 \$38,287 \$36,183 \$46,192 n/a n/a n/a	16 High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 3 4 3 4 4 4 4 3 3 2 2 2
: NEXT C+ NEXT D NEXT	T 51-4041 Machinists T 51-4051 Metal-Refining Furnace Operators and Tenders	n/a n/a 934 1,019 n/a n/a	n/a n/a \$29,299 \$38,287 \$36,183 \$46,192 n/a n/a n/a 85 9.1% \$38,493 \$49,563 \$48,653 \$60,693 33 66 8 n/a n/a n/a n/a n/a n/a n/a n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 107 High school diploma or equivalent None Long-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 4 3 4 3 4 3 3 4 3 4 3 4 4 3 4 4 3 4
C+ NEXT D NEXT	T 51-4061 Model Makers, Metal and Plastic T 51-4071 Foundry Mold and Coremakers	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	4 3 4 4 4 3 3 3 3 3 3 3
NEXTC+ NEXT	T 51-4081 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,313 1,274 582 663 493 555	-39 -3.0% \$26,756 \$36,365 \$32,745 \$40,995 42 88 -4 81 13.9% \$33,335 \$45,738 \$42,089 \$50,703 20 42 8 62 12.6% \$45,523 \$57,535 \$52,647 \$71,656 19 33 6	126 High school diploma or equivalent None Moderate-term on-the-job training 3 70 High school diploma or equivalent None Moderate-term on-the-job training 3 58 Postsecondary non-degree award None Long-term on-the-job training 3	3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4
}		493 555 1,657 1,835 n/a n/a	62 12.6% \$45,523 \$57,535 \$52,647 \$71,656 19 33 6 178 10.7% \$36,667 \$49,504 \$44,809 \$58,383 46 138 18 n/a n/a n/a n/a n/a n/a n/a n/a	58 Postsecondary non-degree award None Long-term on-the-job training 3 202 High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 3 3 4 3 4 3 3 3 4 3 4
NEXT NEXT NEXT		n/a n/a	n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	3 3 4 3 4 3 4 3 4 3 4
NEXT NEXT NEXT NEXT NEXT	 51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders 51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas 51-4192 Layout Workers, Metal and Plastic 	n/a n/a		n/a High school diploma or equivalent None Moderate-term on-the-job training 3	, з 3 4 3 4
NEXT NEXT NEXT	T 51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders 51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas 51-4192 Layout Workers, Metal and Plastic 51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and 51-4194 Tool Grinders, Filers, and Sharpeners	n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 4 n/a High school diploma or equivalent None Moderate-term on-the-job training 3	4 4 3 3 3 4 · · · · · · · · · · · · · ·
NEXT NEXT NEXT NEXT NEXT NEXT NEXT	Tool Grinders, Filers, and Sharpeners Tol-4199 Metal Workers and Plastic Workers, All Other Tol-4191 Metal Workers and Plastic Workers, All Other Tol-4193 Prepress Technicians and Workers Tol-4194 Tole Grinders, Filers, and Sharpeners Tol-4195 Metal Workers and Plastic Workers, All Other Tole Trepress Technicians and Workers Tol-5112 Printing Press Operators	n/a n/a n/a n/a n/a n/a n/a n/a 152 115 708 578	n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 14 Postsecondary non-degree award None None S 55 High school diploma or equivalent None Moderate-term on-the-job training 3	4 4 3 3 4 3 3 4 3 4 4 3 3 4 4 3 3 4 3 4
NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	Tool Grinders, Filers, and Sharpeners The S1-4199 Metal Workers and Plastic Workers, All Other Tool Grinders, Filers, and Workers, All Other Total Prepress Technicians and Workers Total Printing Press Operators Total Print Binding and Finishing Workers Total S1-5111 Print Binding and Finishing Workers Total Print Binding and Dry-Cleaning Workers	152 115 708 578 300 215 877 992	n/a n/a <td>n/a High school diploma or equivalent None Moderate-term on-the-job training 3 14 Postsecondary non-degree award None None 3 55 High school diploma or equivalent None Moderate-term on-the-job training 3 21 High school diploma or equivalent None Moderate-term on-the-job training 3 135 No formal educational credential None Short-term on-the-job training 3</td> <td>4 4 3 3 4 3 3 4 3 4 3 3 3 4 4 3 3 4 3 4 3 3 4 3 4 3 3 3 3 3 4 3 3 3 3</td>	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 14 Postsecondary non-degree award None None 3 55 High school diploma or equivalent None Moderate-term on-the-job training 3 21 High school diploma or equivalent None Moderate-term on-the-job training 3 135 No formal educational credential None Short-term on-the-job training 3	4 4 3 3 4 3 3 4 3 4 3 3 3 4 4 3 3 4 3 4 3 3 4 3 4 3 3 3 3 3 4 3 3 3 3
NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	Tollows Soldering, and Brazing Machine Setters, Operators, and Tenders Tollows Sti-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plast Tollows Sti-4192 Layout Workers, Metal and Plastic Tollows Plating and Coating Machine Setters, Operators, and Tenders, Metal and Tollows Tollows Filers, and Sharpeners Tollows Metal Workers and Plastic Workers, All Other Tollows Technicians and Workers Tollows Technicians	152 115 708 578 300 215	n/a	n/a High school diploma or equivalent None Moderate-term on-the-job training 3 14 Postsecondary non-degree award None None 3 55 High school diploma or equivalent None Moderate-term on-the-job training 3 21 High school diploma or equivalent None Moderate-term on-the-job training 3	4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3
B NEXT NOW NOW NOW NOW NOW NOW NOW NO	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders 51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas 51-4192 Layout Workers, Metal and Plastic 51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and 51-4194 Tool Grinders, Filers, and Sharpeners 51-4199 Metal Workers and Plastic Workers, All Other 51-5111 Prepress Technicians and Workers 51-5112 Printing Press Operators 51-5113 Print Binding and Finishing Workers 51-6011 Laundry and Dry-Cleaning Workers 51-6021 Pressers, Textile, Garment, and Related Materials 51-6031 Sewing Machine Operators 51-6041 Shoe and Leather Workers and Repairers 51-6051 Sewers, Hand 51-6052 Tailors, Dressmakers, and Custom Sewers	152 115 708 578 300 215 877 992 n/a n/a 312 307 n/a n/a n/a n/a n/a n/a	n/a n/a <td>n/a High school diploma or equivalent None Moderate-term on-the-job training 14 Postsecondary non-degree award None None None 15 High school diploma or equivalent None Moderate-term on-the-job training 16 High school diploma or equivalent None Moderate-term on-the-job training 17 None Interpolate training 18 None Interpolate training Interpolate Interpolate training Interpolate traini</td> <td>4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 3 3 3 4 4</td>	n/a High school diploma or equivalent None Moderate-term on-the-job training 14 Postsecondary non-degree award None None None 15 High school diploma or equivalent None Moderate-term on-the-job training 16 High school diploma or equivalent None Moderate-term on-the-job training 17 None Interpolate training 18 None Interpolate training Interpolate Interpolate training Interpolate traini	4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 3 3 3 4 4
B NEXT C NEXT D NEXT D NEXT C NEXT D NEXT D NEXT D NEXT D NEXT D NEXT C NEXT D NEXT D NEXT D NEXT C NEXT D NEXT D NEXT D NEXT C NEXT D NEXT	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders 51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas 51-4192 Layout Workers, Metal and Plastic 51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and 51-4194 Tool Grinders, Filers, and Sharpeners 51-4199 Metal Workers and Plastic Workers, All Other 51-5111 Prepress Technicians and Workers 51-5112 Printing Press Operators 51-5113 Print Binding and Finishing Workers 51-6011 Laundry and Dry-Cleaning Workers 51-6021 Pressers, Textile, Garment, and Related Materials 51-6031 Sewing Machine Operators 51-6041 Shoe and Leather Workers and Repairers 51-6052 Tailors, Dressmakers, and Custom Sewers 51-6063 Textile Cutting Machine Setters, Operators, and Tenders Textile Knitting and Weaving Machine Setters, Operators, and Tenders	152 115 708 578 300 215 877 992 n/a n/a 312 307 n/a n/a n/a n/a	n/a n/a <td>n/a High school diploma or equivalent 14 Postsecondary non-degree award 15 High school diploma or equivalent 16 None 17 None 18 None 18 None 18 None 19 Moderate-term on-the-job training 19 None 19 Moderate-term on-the-job training 19 None 19 Moderate-term on-the-job training 19 None 19 Short-term on-the-job training 19 None 10 None 11 None 12 None 13 None 14 None 15 No formal educational credential 16 None 17 None 18 N</td> <td>4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 1 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 3 4 4 3 3 3 4 3 3 3 3 4 3 3 3 3 4 <tr< td=""></tr<></td>	n/a High school diploma or equivalent 14 Postsecondary non-degree award 15 High school diploma or equivalent 16 None 17 None 18 None 18 None 18 None 19 Moderate-term on-the-job training 19 None 19 Moderate-term on-the-job training 19 None 19 Moderate-term on-the-job training 19 None 19 Short-term on-the-job training 19 None 10 None 11 None 12 None 13 None 14 None 15 No formal educational credential 16 None 17 None 18 N	4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 1 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 3 4 4 3 3 3 4 3 3 3 3 4 3 3 3 3 4 <tr< td=""></tr<>
B NEXT NOW NOW NOW NOW NOW NOW NOW NO	T 51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders T 51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic T 51-4192 Layout Workers, Metal and Plastic T 51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and T 51-4194 Tool Grinders, Filers, and Sharpeners T 51-4199 Metal Workers and Plastic Workers, All Other T 51-5111 Prepress Technicians and Workers T 51-5112 Printing Press Operators T 51-5113 Print Binding and Finishing Workers T 51-6011 Laundry and Dry-Cleaning Workers T 51-6021 Pressers, Textile, Garment, and Related Materials T 51-6031 Sewing Machine Operators T 51-6041 Shoe and Leather Workers and Repairers T 51-6052 Tailors, Dressmakers, and Custom Sewers T 51-6052 Textile Cutting Machine Setters, Operators, and Tenders T 51-6063 Textile Knitting and Weaving Machine Setters, Operators, and Tenders T 51-6064 Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders T 51-6093 Upholsterers	152 115 708 578 300 215 877 992 n/a n/a 312 307 n/a 82 86	n/a n/a <td>n/a High school diploma or equivalent None Moderate-term on-the-job training 14 Postsecondary non-degree award None None 55 High school diploma or equivalent None Moderate-term on-the-job training 21 High school diploma or equivalent None Moderate-term on-the-job training 135 No formal educational credential None Short-term on-the-job training 136 No formal educational credential None Short-term on-the-job training 137 No formal educational credential None Short-term on-the-job training 138 No formal educational credential None Short-term on-the-job training 139 No formal educational credential None Moderate-term on-the-job training 130 No formal educational credential None Moderate-term on-the-job training 131 No formal educational credential None Moderate-term on-the-job training 132 No formal educational credential None Moderate-term on-the-job training 133 No formal educational credential None Moderate-term on-the-job training 134 No formal educational credential None Moderate-term on-the-job training 135 No formal educational credential None Moderate-term on-the-job training 136 No formal educational credential None Moderate-term on-the-job training 137 No formal educational credential None Moderate-term on-the-job training 138 No formal educational credential None Moderate-term on-the-job training 139 No formal educational credential None Moderate-term on-the-job training 130 No formal educational credential None Moderate-term on-the-job training 130 No formal educational credential None Moderate-term on-the-job training</td> <td>4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 3 4 4 3 3 3 3 4 4 4 3 3 3 4 4 3 3 3 3 4 4 4 3 3 3 4 4 3 3 3 3 4 4 4 3 3 3 4 4 3 3 3 3 4 5 3 3 3 3 3 3 4</td>	n/a High school diploma or equivalent None Moderate-term on-the-job training 14 Postsecondary non-degree award None None 55 High school diploma or equivalent None Moderate-term on-the-job training 21 High school diploma or equivalent None Moderate-term on-the-job training 135 No formal educational credential None Short-term on-the-job training 136 No formal educational credential None Short-term on-the-job training 137 No formal educational credential None Short-term on-the-job training 138 No formal educational credential None Short-term on-the-job training 139 No formal educational credential None Moderate-term on-the-job training 130 No formal educational credential None Moderate-term on-the-job training 131 No formal educational credential None Moderate-term on-the-job training 132 No formal educational credential None Moderate-term on-the-job training 133 No formal educational credential None Moderate-term on-the-job training 134 No formal educational credential None Moderate-term on-the-job training 135 No formal educational credential None Moderate-term on-the-job training 136 No formal educational credential None Moderate-term on-the-job training 137 No formal educational credential None Moderate-term on-the-job training 138 No formal educational credential None Moderate-term on-the-job training 139 No formal educational credential None Moderate-term on-the-job training 130 No formal educational credential None Moderate-term on-the-job training 130 No formal educational credential None Moderate-term on-the-job training	4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 3 4 4 3 3 3 3 4 4 4 3 3 3 4 4 3 3 3 3 4 4 4 3 3 3 4 4 3 3 3 3 4 4 4 3 3 3 4 4 3 3 3 3 4 5 3 3 3 3 3 3 4
B NEXT	S1-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders S1-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas S1-4192 Layout Workers, Metal and Plastic S1-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and S1-4194 Tool Grinders, Filers, and Sharpeners S1-4199 Metal Workers and Plastic Workers, All Other S1-5111 Prepress Technicians and Workers S1-5112 Printing Press Operators S1-5113 Print Binding and Finishing Workers S1-6011 Laundry and Dry-Cleaning Workers S1-6021 Pressers, Textile, Garment, and Related Materials S1-6031 Sewing Machine Operators S1-6041 Shoe and Leather Workers and Repairers S1-6052 Sewers, Hand S1-6052 Textile Cutting Machine Setters, Operators, and Tenders S1-6063 Textile Knitting and Weaving Machine Setters, Operators, and Tenders S1-6092 Fabric and Apparel Patternmakers S1-6093 Upholsterers S1-7011 Cabinetmakers and Bench Carpenters S1-7021 Furniture Finishers	152 115 708 578 300 215 877 992 n/a n/a 312 307 n/a	n/a n/a <td>n/a High school diploma or equivalent None None None None None None None None None</td> <td>4 3 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 3 4 3 4 4 <td< td=""></td<></td>	n/a High school diploma or equivalent None None None None None None None None None	4 3 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 3 4 3 4 4 <td< td=""></td<>
B NEXT NOW NOW NOW NOW NOW NOW NOW NO	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders 51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plast 51-4192 Layout Workers, Metal and Plastic 51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and 51-4194 Tool Grinders, Filers, and Sharpeners 51-4199 Metal Workers and Plastic Workers, All Other 51-5111 Prepress Technicians and Workers 51-5112 Printing Press Operators 751-5113 Print Binding and Finishing Workers 751-5114 Laundry and Dry-Cleaning Workers 751-6015 Laundry and Dry-Cleaning Workers 751-6021 Pressers, Textile, Garment, and Related Materials 751-6031 Sewing Machine Operators 751-6041 Shoe and Leather Workers and Repairers 751-6051 Sewers, Hand 751-6052 Tailors, Dressmakers, and Custom Sewers 751-6063 Textile Cutting Machine Setters, Operators, and Tenders 751-6064 Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, Fabric and Apparel Patternmakers 751-6093 Upholsterers 751-7011 Cabinetmakers and Bench Carpenters 751-7021 Furniture Finishers 751-7031 Model Makers, Wood 751-7041 Sawing Machine Setters, Operators, and Tenders, Wood	152 115 708 578 300 215 877 992 n/a n/a 312 307 n/a 1 n/a n/a n/a n/a n/a 4 82 86 454 469	n/a n/a <td>n/a High school diploma or equivalent None None None None None None None None None</td> <td>4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 3 4 <td< td=""></td<></td>	n/a High school diploma or equivalent None None None None None None None None None	4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 3 4 3 3 3 3 3 3 3 4 <td< td=""></td<>
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Finishers Fi-7031 Model Makers, Wood Fi-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sawing Fi-7099 Woodworkers, All Other Fower Distributors and Dispatchers	152 115 708 578 300 215 877 992 n/a n/a 312 307 n/a 10 10 10 10 10 10 10 10 10 10 10 10 10	n/a n/a <td>n/a High school diploma or equivalent None Moderate-term on-the-job training 14 Postsecondary non-degree award None None Short-term on-the-job training 21 High school diploma or equivalent None Moderate-term on-the-job training 31 No formal educational credential None Short-term on-the-job training 32 No formal educational credential None Short-term on-the-job training 33 No formal educational credential None Short-term on-the-job training 34 No formal educational credential None Short-term on-the-job training 35 No formal educational credential None Moderate-term on-the-job training 36 No formal educational credential None Moderate-term on-the-job training 37 No formal educational credential None 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B NEXT C NEXT	S1-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tender: S1-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas S1-4192 Layout Workers, Metal and Plastic S1-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and S1-4194 Tool Grinders, Filers, and Sharpeners Metal Workers and Plastic Workers, All Other S1-5111 Prepress Technicians and Workers S1-5112 Printing Press Operators S1-5113 Print Binding and Finishing Workers Laundry and Dry-Cleaning Workers S1-6011 Laundry and Dry-Cleaning Workers S1-6021 Pressers, Textile, Garment, and Related Materials Sewing Machine Operators S1-6041 Shoe and Leather Workers and Repairers Sewers, Hand S1-6052 Textile Cutting Machine Setters, Operators, and Tenders S1-6063 Textile Knitting and Weaving Machine Setters, Operators, and Tenders S1-6064 Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, S1-609 Upholsterers S1-609 Upholsterers S1-7011 Cabinetmakers and Bench Carpenters S1-7021 Furniture Finishers Model Makers, Wood Sawing Machine Setters, Operators, and Tenders, Except Sawing S1-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sawing S1-7099 Woodworkers, All Other S1-8012 Power Distributors and Dispatchers S1-8013 Power Plant Operators S1-8014 Stationary Engineers and Boiler Operators	152 115 708 578 300 215 877 992 n/a n/a 312 307 n/a	n/a n/a <td>n/a High school diploma or equivalent None Moderate-term on-the-job training 14 Postsecondary non-degree award None None None 155 High school diploma or equivalent None Moderate-term on-the-job training 135 No formal educational credential None Short-term on-the-job training 135 No formal educational credential None Short-term on-the-job training 136 No formal educational credential None Short-term on-the-job training 137 No formal educational credential None Short-term on-the-job training 138 No formal educational credential None Short-term on-the-job training 149 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None No formal educational credenti</td> <td>4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 3 4 3 3 3 3 3 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 3 3 4 3 3 3 3 4 3 3 3 3 4 3 3 3 3 4 4 3 4 4 4 3 3 3 3 4 3 3 3 3 4 3 3 3 3 3 4 3 4 4 5 3 3 3 3 3 4 3 4</td>	n/a High school diploma or equivalent None Moderate-term on-the-job training 14 Postsecondary non-degree award None None None 155 High school diploma or equivalent None Moderate-term on-the-job training 135 No formal educational credential None Short-term on-the-job training 135 No formal educational credential None Short-term on-the-job training 136 No formal educational credential None Short-term on-the-job training 137 No formal educational credential None Short-term on-the-job training 138 No formal educational credential None Short-term on-the-job training 149 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None Moderate-term on-the-job training 140 No formal educational credential None No formal educational credenti	4 4 3 3 4 3 3 3 4 4 3 3 3 4 4 3 3 3 3 4 3 3 3 3 3 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 3 3 4 3 3 3 3 4 3 3 3 3 4 3 3 3 3 4 4 3 4 4 4 3 3 3 3 4 3 3 3 3 4 3 3 3 3 3 4 3 4 4 5 3 3 3 3 3 4 3 4
B NEXT C NEXT	51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders 51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plass 51-4192 Layout Workers, Metal and Plastic 51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and 51-4194 Tool Grinders, Filers, and Sharpeners 51-4199 Metal Workers and Plastic Workers, All Other 51-5111 Prepress Technicians and Workers 51-512 Printing Press Operators 51-5131 Printing Press Operators 51-5131 Printing and Finishing Workers 51-6021 Pressers, Textile, Garment, and Related Materials 51-6031 Sewing Machine Operators 51-6041 Shoe and Leather Workers and Repairers 51-6052 Sewers, Hand 51-6053 Textile Cutting Machine Setters, Operators, and Tenders 51-6064 Textile Cutting Machine Setters, Operators, and Tenders 51-6065 Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders 51-6092 Fabric and Apparel Patternmakers 51-6093 Upholsterers 51-7001 Cabinetmakers and Bench Carpenters 51-7021 Furniture Finishers 51-7021 Furniture Finishers 51-7021 Sawing Machine Setters, Operators, and Tenders, Except Sawing 51-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sawing 51-7043 Model Makers, Wood 51-7044 Sawing Machine Setters, Operators, and Tenders, Except Sawing 51-7099 Woodworkers, All Other 51-8012 Power Distributors and Dispatchers 51-8013 Power Plant Operators 51-8031 Water and Wastewater Treatment Plant and System Operators 51-8092 Gas Plant Operators	152 115 708 578 300 215 877 992 n/a n/a 312 307 n/a 10 10 10 10 10 10 10 10 10 10 10 10 10	n/a n/a <td>n/a High school diploma or equivalent None None None 14 Postsecondary non-degree award None None 55 High school diploma or equivalent None Moderate-term on-the-job training 21 High school diploma or equivalent None Moderate-term on-the-job training 33 No formal educational credential None Short-term on-the-job training 34 No formal educational credential None 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C	· NE	, ,	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
D	NE)	····	298	292	-6	-2.0%				553,109	6	23	-1	28	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
C	· NE	, , , , , , , , , , , , , , , , , , , ,	109	128	19	17.4%				\$45,372	3	9	2	14	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
υ -	NE)		366	368	2	0.6%				553,826	12	21	0	39	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
F	NE)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	· NEX		279	302	23	8.2%	\$37,339	\$49,150 \$	54,007 \$	61,520	10	22	<u> </u>	34	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
F	NO	·	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	4
D	NE)		309	299	-10	-3.2%	1 7		, .	48,888	14	23	-1	36	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	· NE		253	300	47	18.6%				\$43,857	8	20	5	33	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NE)	•	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	NE)		2,374	2,289	-85	-3.6%	\$40,174			60,148	90	185	-8	267	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C	NE)		n/a	n/a	n/a ,	n/a	n/a	n/a	n/a	n/a ,	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	3	4
C	· NE	<i>,</i>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C	· NE	••	89	102	13	14.6%	\$35,718			555,030	4	8	1	13	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	4	4	4	4
C	NE)	•	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
C	· NE		1,822	2,013	191	10.5%				47,560	/9 /	127	19	225	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
F	NE)	G. G.	n/a	n/a	n/a	n/a 43.30/				25,129	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	· NE		457	513	56	12.3%	\$38,547 ,	\$51,098 \$	50,263 \$	64,508	13	35	6	54	High school diploma or equivalent	None	Moderate-term on-the-job training	6	6	6	6	6	8
n,	a NEX		n/a ,	n/a ,	n/a ,	n/a	n/a ,	n/a ,	n/a ,	n/a ,	n/a ,	n/a	n/a ,	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
ט	NO	N 51-9151 Photographic Process Workers and Processing Machine Operators	n/a	n/a 298	n/a	n/a	n/a	n/a	n/a	n/a 552.400	n/a	n/a 23	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	4	3	4
ט	NE)	·	313	298	-15	-4.8% 24.40/	•			553,199	10	23	-Z	31	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
R	NE)	,	45 5/2	50 5/5	11 n/a	24.4% n/a	\$46,783	\$58,245 \$	1	64,431	2 n/a	4 n/a	1 n/a	/ n/a	Postsecondary non-degree award	None	Moderate term on the job training	ა ი	4 2	<u>ა</u>	4	4	4
D	NE)	- ·	n/a ac	n/a	n/a -	n/a 12.00/	n/a	n/a	n/a	n/a	n/a 1	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C	NE)	S. S. T. T. T.	36	41	5	13.9%	\$32,218	\$38,499 \$	36,925 \$	\$43,793	1/-	3 /-	0	4	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
C	· NE)		11/a	II/d	n/a	11/d	n/a	11/a	II/d n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3 2	3	3	3	3	3
	· NE		n/a 205	n/a	n/a	n/a 12.6%	n/a ¢21.012	n/a \$27.404 \$	n/a 26.720 6	n/a *41.007	n/a	n/a 21	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
C	· NE		295	335 961	40	13.6%				\$41,097	11	21	4	36 104	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	3	4
ט	NE)	·	1,029		-68	-0.0% n/a	\$30,647	\$38,026 \$		\$45,350	45 n/a	00 n/a	-/ n/a		High school diploma or equivalent High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NE) NO		11/d 020	n/a 874	11/a 26	11/d 4 20/	11/a \$25,098	\$32,046 \$	n/a 30,776 \$	n/a \$38,041	11/d 40	n/a o1	n/a 4	n/a 125	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	· NE)	·	030 E26	0/4 61E	30 70	4.5% 14.7%	· · ·		45,067 \$	250,U41 552 615	40 20	4.5 O.T	0	70	High school diploma or equivalent	None None	Short-term on-the-job training Moderate-term on-the-job training	ა ე	ა ე	ა ე	3 1	ა ე	5 1
C	· INE/	1 31-9199 Floddction Workers, All Other	330	013	79	14.7/0	\$30,277	340,210 3	45,007 3	555,015	20	42	0	70	High school diploma of equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
		53-0000 Transportation and Material Moving Occupations	49,089	54,608	5,519	11.2%	\$26,325	\$36,440 \$	32,897 \$	\$44,325	2,477	4,016	552	7,045									
ח	NE		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	None	5	5	5	5	Δ	4
R	NE)		n/a	n/a	n/a	n/a	,	, -	•	66,324	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	None	3	4	3	4	4	4
A	LAT	·	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	5	5	6	6	5	6
C	· NE)		77	73	-4	-5.2%	, ۵	,	, -	107,144	3	5	0	8	High school diploma or equivalent	None	Moderate-term on-the-job training	5	5	6	6	5	6
В	· NE		n/a	n/a	n/a	n/a		\$106,193 \$1	•	119,097	n/a	n/a	n/a	n/a	Associate degree	None	Long-term on-the-job training	4	5	6	6	5	6
В	NE)		71	95	24	33.8%	•	\$39,855 \$		554,196	2	6	2	10	High school diploma or equivalent	None	Long-term on-the-job training	3	4	4	5	5	6
В	NO	·	2,003	2,348	345	17.2%		\$29,468 \$		37,462	89	148	34	271	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	4	4
В	NE)	·	8,045	8,575	530	6.6%		\$45,945 \$		552,798	340	564	53	957	Postsecondary non-degree award	None	Short-term on-the-job training	3	3	3	4	3	4
Α	NO	•	3,776	4,603	827	21.9%	•	\$32,989 \$		\$40,662	172	284	83	539	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	3
С	NE)		n/a	n/a	n/a	n/a	\$34,515	\$43,172 \$		552,045	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	3
В	- NO	N 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	3,550	4,317	767	21.6%	\$21,019	\$30,153 \$	27,484 \$	36,495	259	196	77	532	No formal educational credential	None	Short-term on-the-job training	3	3	4	4	3	3
C	- NO	N 53-3099 Motor Vehicle Operators, All Other	n/a	n/a	n/a	n/a	\$32,013	\$42,374 \$	43,149 \$	52,841	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	4	4
С	· NE	T 53-4011 Locomotive Engineers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	3	3	3	4	3	4
С	- NE	T 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
С	NE)	T 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	6	6	6	6	6	8
C	NE)	T 53-4031 Railroad Conductors and Yardmasters	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	4	4	3	4
В	NE)	T 53-4099 Rail Transportation Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	4	4
n,	a NE	T 53-5021 Captains, Mates, and Pilots of Water Vessels	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	Less than 5 years	None	3	5	3	4	3	4
D	NE	T 53-5022 Motorboat Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	Less than 5 years	None	3	3	4	4	3	3
С	- NO	N 53-6021 Parking Lot Attendants	n/a	n/a	n/a	n/a	\$23,385	\$30,672 \$	28,904 \$	35,114	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	4	4	4	4
F	NO		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
D	NE		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	5	5	4	4	4	4
В	NE	· · · · · · · · · · · · · · · · · · ·	102	109	7	6.9%	\$69,877	\$94,496 \$	98,318 \$1	113,663	4	8	1	13	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
С	NO	·	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	4	4
С	- NO	•	291	347	56	19.2%	\$26,037	\$30,105 \$	29,193 \$	\$32,262	15	28	6	49	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	3
С	NO	·	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	4
C	· NE	·	64	70	6	9.4%	\$40,509	\$67,417 \$	74,001 \$	86,459	2	5	1	8	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	3	3	3	3	3	3
В	NE)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
В	NO	N 53-7041 Hoist and Winch Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	4	4
В	- NO	N 53-7051 Industrial Truck and Tractor Operators	2,928	3,451	523	17.9%	\$33,128			551,702	96	245	52	393	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
С	- NO	· ·	1,470	1,611	141	9.6%				29,856	75	137	14	226	No formal educational credential	None	Short-term on-the-job training	3	3	3	4	3	3
В	NO		7,847	8,698	851	10.8%		\$33,315 \$		37,877	362	720	85	1,167	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	4
С	NO		190	202	12	6.3%		\$40,092 \$		553,027	11	14	1	26	No formal educational credential	None	Short-term on-the-job training	3	3	3	4	3	4
D	NO	- '	1,183	1,157	-26	-2.2%		\$27,975 \$		34,025	67	95	-3	159	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	4
В	NO		10,976	11,923	947	8.6%	\$24,753 ,			34,707	652	1,117	95	1,864	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	3
C	· NE	· · · · · · · · · · · · · · · · · · · ·	n/a ,	n/a	n/a	n/a ,	n/a	n/a	n/a	n/a	n/a	n/a ,	n/a	n/a /-	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C	NO.	·	n/a ,	n/a	n/a /-	n/a ,	\$28,835			\$47,221	n/a /-	n/a	n/a /-	n/a /-	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
C	- NO	· · · · · · · · · · · · · · · · · · ·	n/a /-	n/a /	n/a	n/a /	n/a	n/a	n/a 75 770 6	n/a *20.627	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	4	3	4
В	NO	N 53-7199 Material Moving Workers, All Other	n/a	n/a	n/a	n/a	\$70,918	\$72,909 \$	75,778 \$	80,637	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	4

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Notes

- 1. n/a = Data suppressed due to confidentiality or lack of statistically significant data.
- 2. Net Employment Change (Column G) is the difference in the number of jobs between the base and projected years.
- 3. Percent employment change (Column H) indicates how fast employment is expected to increase or decrease during the projection period.
- 4. Annual Exit Openings (Column M) are an estimate of the annual number of jobs that will arise from the need to replace workers who have left the workforce entirely.
- 5. Annual Transfer Openings (Column N) are an estimate of the annual number of jobs that will arise from the need to replace workers who have transferred to a different occupation
- 6. Annual Growth Openings (Column O) are the annual numeric change in employment.
- 7. Annual Total Openings (Column P) are the sum of exit, transfer, and growth openings.

Occupation Grade

The occupation grades, or "career grades", are based on a combination of total job openings, percent growth, and the average wages of an occupation. Occupations with the letter grade "A+" have the best outlook, while occupations with the letter grade "F" have the worst outlook. Grades in each region are determined by comparing only the occupations within that region.

STEM

Refers to Science, Technology, Engineering, and Math occupations. "Core" occupations are those that strictly use STEM skills. "Related" occupations are those that use related STEM skills.

N_N_L: "Now, Next, Later"

Now: Typically requires short-term on-the-job training, little to no experience, and/or a high school diploma

Next: Typically requires non-degree certificate, associate's degree, apprenticeship, some experience, or moderate- to long-term training

Later: Typically requires a bachelor's degree or higher

ACT WorkKeys Assessments

ACT WorkKeys® assessments measure foundational skills required for success in the workplace, and help measure the workplace skills that can affect job performance. Scores are provided for three different categories: Applied Math, Workplace Documents, and Graphic Literacy. Each assessment offers varying levels of difficulty. The levels build on each other, incorporating the skills assessed at the previous levels. For example, at Level 5, individuals need the skills from Levels 3, 4, and 5. The minimum and median score required for each occupation is shown, if available. For more information about WorkKeys skills, please visit the following website:

https://www.act.org/content/act/en/products-and-services/workkeys-for-employers/assessments.html